

# Product Datasheet

## TNF-alpha Antibody (182309) [DyLight 594] FAB10701M

Unit Size: 0.5 ml

Store at 4C in the dark.

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Updated 7/14/2025 v.20.1

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**FAB10701M**

TNF-alpha Antibody (182309) [DyLight 594]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.5 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clone                       | 182309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Conjugate                   | DyLight 594                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 7124                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | TNF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species                     | Rhesus Macaque                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | Detects rhesus macaque TNF- $\alpha$ in direct ELISAs and Western blots. In direct ELISAs, 10–25% cross-reactivity with recombinant human (rh) TNF- $\alpha$ and recombinant porcine TNF- $\alpha$ is observed and no cross-reactivity with rhEDA-A2, recombinant mouse (rm) EDA, rhAPRIL, rhBAFF, rhFas L, rhGITR L, rhLIGHT, rhLymphotoxin $\alpha$ 1 $\beta$ 2, rhLymphotoxin $\alpha$ 2 $\beta$ 1, rhOX40 L, recombinant cotton rat TNF- $\alpha$ , rmTNF- $\alpha$ , recombinant rat TNF- $\alpha$ , rhTRAIL, rhTRANCE, and rhTWEAK is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant rhesus macaque TNF- $\alpha$<br>Val77-Leu233<br>Accession # P48094                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Neutralization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | Neutralization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |





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### **Products Related to FAB10701M**

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|                 |                                     |
|-----------------|-------------------------------------|
| NBP2-35076-10ug | Recombinant Human TNF-alpha Protein |
| M6000B-1        | IL-6 [HRP]                          |
| 210-TA-005      | TNF-alpha [Unconjugated]            |
| 201-LB-005      | IL-1 beta/IL-1F2 [Unconjugated]     |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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