

# Product Datasheet

## **Mycobacterium Tuberculosis ESAT6 Antibody (11 G4)** **[DyLight 594]** **NBP1-05186DL594**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-05186DL594**

Mycobacterium Tuberculosis ESAT6 Antibody (11 G4) [DyLight 594]

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 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               | 11 G4                                                                                       |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | DyLight 594                                                                                 |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                          |
| Species                 | Bacteria                                                                                                                                                                                                                                                                                       |
| Reactivity Notes        | Reacts with PPD, culture filtrate, cytosol and cell wall preparations from M. tuberculosis.                                                                                                                                                                                                    |
| Specificity/Sensitivity | Reacts with ESAT-6 in immunoblotting after SDS-PAGE of short-term culture filtrates of M. tuberculosis and virulent strains of M. bovis. This antibody cross-reacts with MPB64 (26 kDa) from certain BCG substrains, with the A, B, and C components of the antigen 85 complex and with MPT51. |
| Immunogen               | Purified protein derivative (PPD) of tuberculin from Mycobacterium tuberculosis conjugated with thimerosal N-hydroxysuccinimide ester and adsorbed to aluminum hydroxide gel (4)                                                                                                               |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                              |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA                                                    |
| Recommended Dilutions       | Western Blot, ELISA                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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