

# Product Datasheet

## Angiopoietin-2 Antibody (748246) [Janelia Fluor® 525] FAB7186JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB7186JF525**

Angiopoietin-2 Antibody (748246) [Janelia Fluor® 525]

| 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                       | 748246                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | Janelia Fluor 525                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID                     | 285                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Symbol                 | ANGPT2                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity/Sensitivity     | Detects mouse Angiopoietin-2 in direct ELISAs and Western blots. In direct ELISAs, less than 5% cross-reactivity with recombinant mouse (rm) Angiopoietin-1, rmAngiopoietin-3, recombinant human (rh) Angiopoietin-2, and rhAngiopoietin-4 is observed. In Western blots, 100% cross-reactivity with rmAngiopoietin-1 is observed and less than 10% cross-reactivity with rhAngiopoietin-2, rhAngiopoietin-4, and rmAngiopoietin-3 is observed. |
| Immunogen                   | Chinese hamster ovary cell line CHO-derived recombinant mouse Angiopoietin-2 Asp68-Phe496<br>Accession # O35608                                                                                                                                                                                                                                                                                                                                 |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                          |





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### **Products Related to FAB7186JF525**

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|                   |                                              |
|-------------------|----------------------------------------------|
| NBP2-77507-0.05mg | Recombinant Human Angiopoietin-2 His Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                     |
| DANG20            | Angiopoietin-2 [HRP]                         |
| NB100-105         | HIF-1 alpha Antibody (H1alpha67)             |

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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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