

# Product Datasheet

## VEGF Antibody (123704) [Janelia Fluor® 646] FAB564J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB564J**

VEGF Antibody (123704) [Janelia Fluor® 646]

| 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               | 123704                                                                                      |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2b                                                                                       |
| Conjugate           | Janelia Fluor 646                                                                           |
| Purity              | Protein A or G purified from hybridoma culture supernatant                                  |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                         |
| Gene ID                 | 7422                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Symbol             | VEGFA                                                                                                                                                                                                                                                                                                                                                                         |
| Species                 | Rat                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity/Sensitivity | Detects rat VEGF164 in direct ELISAs and Western blots. Shows 50 - 100% cross-reactivity with recombinant mouse (rm) VEGF120, rmVEGF164, recombinant human (rh) VEGF121, rhVEGF165, and rhVEGF189 and no cross-reactivity with rmVEGF115. Recognizes an epitope found between amino acids 78-120 of rmVEGF120. This segment is present in all VEGF isoforms except rmVEGF115. |
| Immunogen               | Mouse myeloma cell line NS0-derived recombinant rat VEGF164 Ala27-Arg190<br>Accession # AAA41211.1                                                                                                                                                                                                                                                                            |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                         |

| Product Application Details |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair) |
| Recommended Dilutions       | Western Blot, ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair) |
| 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.

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