

# Product Datasheet

## VEGFR2/KDR/Flk-1 Antibody [Janelia Fluor® 646] AF644J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF644J**

VEGFR2/KDR/FIk-1 Antibody [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                   | Polyclonal                                                                                                                                                                                                                                             |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                     |
| Isotype                     | IgG                                                                                                                                                                                                                                                    |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                                                      |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                              |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                     |
| Product Description         |                                                                                                                                                                                                                                                        |
| Host                        | Goat                                                                                                                                                                                                                                                   |
| Gene ID                     | 3791                                                                                                                                                                                                                                                   |
| Gene Symbol                 | KDR                                                                                                                                                                                                                                                    |
| Species                     | Mouse                                                                                                                                                                                                                                                  |
| Specificity/Sensitivity     | Detects mouse VEGFR2 in direct ELISAs and Western blots. In direct ELISAs, approximately 10% cross-reactivity with recombinant human VEGFR2 is observed and less than 2% cross-reactivity with recombinant mouse (rm) VEGFR1 and rmVEGFR3 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse VEGFR2 Ala20-Glu762<br>Accession # P35918                                                                                                                                                        |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                  |
| Product Application Details |                                                                                                                                                                                                                                                        |
| Applications                | Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready, Dual RNAscope ISH-IHC, Neutralization                                                                                                                                                 |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Neutralization, CyTOF-ready, Dual RNAscope ISH-IHC                                                                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                 |





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### **Products Related to AF644J**

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|              |                                            |
|--------------|--------------------------------------------|
| NB100-529PEP | VEGFR2/KDR/Flk-1 Antibody Blocking Peptide |
| DVE00        | VEGF [HRP]                                 |
| 357-KD-050   | VEGFR2/KDR/Flk-1 [Unconjugated]            |
| 233-FB-025   | FGF basic/FGF2/bFGF [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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