

Product Datasheet

Endoglin/CD105 Antibody (MJ7/18) [Janelia Fluor® 669] NBP2-81085JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-81085JF669

Endoglin/CD105 Antibody (MJ7/18) [Janelia Fluor® 669]

| 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 | MJ7/18 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG Kappa |
| Conjugate | Janelia Fluor 669 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Rabbit |
| Gene ID | 2022 |
| Gene Symbol | ENG |
| Species | Mouse |
| Specificity/Sensitivity | MJ7/18 binds specifically to mouse Endoglin/CD105. Endoglin/CD105 is a homodimer expressed by vascular endothelial cells. Endoglin/CD105 functions in adhesion and embryonic angiogenesis. Endoglin/CD105 is a major homodimeric glycoprotein of vascular endothelium involved in cell adhesion through integrin/RGD binding and the regulation of angiogenesis. Also acts as TGF-beta coreceptor and is involved in the TGF-beta/BMP signaling cascade. Endoglin/CD105 is also required for GDF2/BMP9 signaling through SMAD1 in endothelial cells. |
| Immunogen | MJ7/18 was prepared by immunizing rats with inflamed mouse skin tissue. The antibody was selected immunohistologically for reactivity with endothelial cells. |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-81085JF669

| | |
|---------------|--|
| NBP2-34493PEP | Endoglin/CD105 Recombinant Protein Antigen |
| DVE00 | VEGF [HRP] |
| DNDG00 | Endoglin/CD105 [HRP] |
| AF3628 | CD31/PECAM-1 Antibody [Unconjugated] |

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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