

Product Datasheet

CD31/PECAM-1 Antibody (JC/70A) [Alexa Fluor® 488] NB600-562AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB600-562AF488

CD31/PECAM-1 Antibody (JC/70A) [Alexa Fluor® 488]

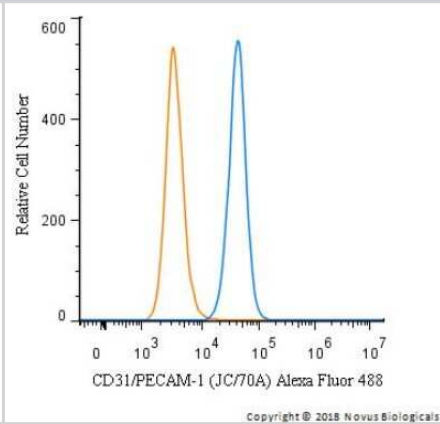
| Product Information | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | JC/70A |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor 488 |
| Purity | Protein G purified |
| Buffer | 50mM Sodium Borate |
| Target Molecular Weight | 82.5 kDa |
| Product Description | |
| Host | Mouse |
| Gene ID | 5175 |
| Gene Symbol | PECAM1 |
| Species | Human, Mouse, Feline, Rabbit |
| Reactivity Notes | Rabbit (PMID: 21533193) and Mouse (PMID: 29700126) reactivity reported in scientific literature. |
| Immunogen | This CD31/PECAM-1 Antibody (JC/70A) was developed against a membrane preparation of a spleen from a patient with hairy cell leukemia. |
| Notes | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Dual RNAscope ISH-IHC, Knockout Validated |



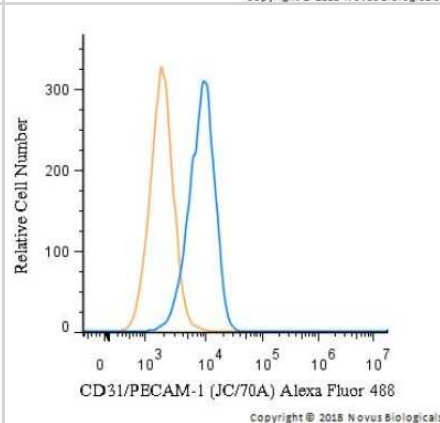
| | |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended Dilutions | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), Knockout Validated, Dual RNAscope ISH-IHC |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |

Images

A cell surface stain was performed on THP-1 cells with CD31/PECAM-1 Antibody (JC/70A) [Alexa Fluor(R) 488] (NB600-562AF488, blue) along with a matched isotype control. Cells were incubated in an antibody dilution of 5 ug/ml for 20 minutes at RT. Both antibodies were conjugated to Alexa Fluor 488.



A cell surface stain was performed on Jurkat cells with CD31/PECAM-1 Antibody (JC/70A) [Alexa Fluor(R) 488] (NB600-562AF488, blue) along with a matched isotype control. Cells were incubated in an antibody dilution of 10 ug/ml for 20 minutes at RT. Both antibodies were conjugated to Alexa Fluor 488.





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Products Related to NB600-562AF488

| | |
|---------------|-------------------------------------------------------|
| IC002G | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 488] |
| NBP2-54655PEP | CD31/PECAM-1 Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 3628-PC-050 | CD31/PECAM-1 [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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