

Product Datasheet

CD34 Antibody (4H11[APG]) [Alexa Fluor™ Plus 647] NB500-608AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB500-608AFP647

CD34 Antibody (4H11[APG]) [Alexa Fluor™ Plus 647]

| 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 | 4H11[APG] |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | Alexa Fluor Plus 647 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Mouse |
| Gene ID | 947 |
| Gene Symbol | CD34 |
| Species | Human |
| Marker | Hematopoietic Stem Cell Marker |
| Specificity/Sensitivity | The antibody 4H11[APG] reacts with Class III epitope on CD34 (Mucosialin), a 110-115 kDa monomeric transmembrane phosphoglycoprotein expressed on hematopoietic progenitors cells and on the most pluripotential stem cells; it is gradually lost on progenitor cells. The antibody 4H11[APG] completely blocks binding of Class II antibody QBEnd10 and Class III antibodies BIRMA K3 and 8G12 on KG1a cell line. HLDA VI; WS Code M MA58 |
| Immunogen | Permanent human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia. |
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| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Cell Surface) |



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to NB500-608AFP647

| | |
|-----------------|------------------------------------|
| NBP2-53044-50ug | Recombinant Human CD34 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 9655-CD-050 | CD34 [Unconjugated] |
| M6000B-1 | IL-6 [HRP] |

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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