

Product Datasheet

CD34 Antibody (4H11[APG]) [PE] NB500-608PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB500-608PE

CD34 Antibody (4H11[APG]) [PE]

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	PE
Purity	Protein A or G purified
Buffer	PBS
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.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
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.



Images

CD34 Antibody (4H11[APG]) [PE] [NB500-608PE] - Vial of PE conjugated antibody. PE has two excitation maxima, 498 nm excited by the Blue laser (488 nm) and 565 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 578 nm.



PE

LASER (nm)	FILTER
Blue (488)	582/15
Y-G (561)	

EXCITATION MAX (nm)	EMISSION MAX (nm)
498	578
565	



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Products Related to NB500-608PE

NBP1-97005PE	Mouse IgG1 Isotype Control (MG1) [PE]
NBP2-53044-50ug	Recombinant Human CD34 His Protein
210-TA-005	TNF-alpha [Unconjugated]
9655-CD-050	CD34 [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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