

Product Datasheet

CD45 Antibody (HI30) [Alexa Fluor® 647] NBP1-79127AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-79127AF647

CD45 Antibody (HI30) [Alexa Fluor® 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	HI30
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate

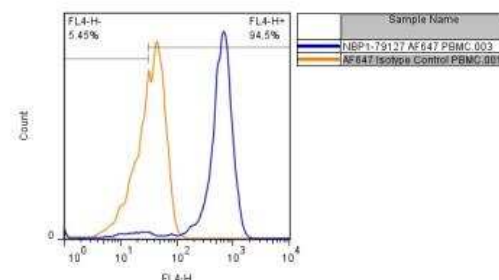
Product Description	
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Human, Primate
Specificity/Sensitivity	The mouse monoclonal CD45 Antibody (HI30) recognizes all isoforms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets. HLDA IV; WS Code N816
Immunogen	This CD45 Antibody (HI30) was made against an amino acid sequence that is conserved among all CD45 isoforms.
Notes	<p>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.</p>

Product Application Details

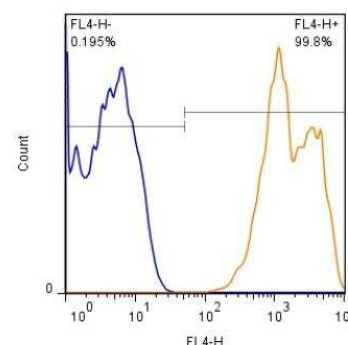
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), Flow (Intracellular), CyTOF-ready

Images

Flow (Intracellular): CD45 Antibody (HI30) [Alexa Fluor (R) 647] [NBP1-79127AF647] - Intracellular staining of hPBMC cells (1×10^6 cells/ml) with AlexaFluor 647 conjugated anti-CD45 antibody (blue) stained at a dilution of 1:500. Shown with the Istotype control (orange).



Flow (Cell Surface): CD45 Antibody (HI30) [Alexa Fluor (R) 647] [NBP1-79127AF647] - Cell surface staining of PBMC's (Lymphocyte gate at 1×10^6 cells/ml) with CD45 antibody (orange) stained at a dilution of 1:500. Shown with mIgG1 (AF647 conjugated) Isotype control (blue).



Publications

Kallergi Galatea, Vetsika Eleni-Kyriaki, Aggouraki Despoina et al Evaluation of PD-L1/PD-1 on circulating tumor cells in patients with advanced non-small cell lung cancer. Ther Adv Med Oncol. 2018-01-15 [PMID: 29383038] (ICC/IF, Human)

Details:

Citation using the Alexa Fluor 647 version of this antibody.



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Products Related to NBP1-79127AF647

IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
NBP1-79127AF700	CD45 Antibody (HI30) [Alexa Fluor® 700]
NBP2-51591-0.02mg	Recombinant Human CD45 His Protein
210-TA-005	TNF-alpha [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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