

Product Datasheet

CD45 Antibody (EM-05) [Alexa Fluor® 594] NBP1-44763AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-44763AF594

CD45 Antibody (EM-05) [Alexa Fluor® 594]

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	EM-05
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 594
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rat
Gene ID	5788
Gene Symbol	PTPRC
Species	Mouse
Specificity/Sensitivity	CD45 Antibody (EM-05) reacts with mouse CD45 antigen (Leukocyte Common Antigen), a single chain type I transmembrane protein expressed at high level on cells of hematopoietic origin, except erythrocytes and platelets.
Immunogen	This CD45 Antibody (EM-05) was prepared from Murine peripheral blood leukocytes.
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), Immunocytochemistry/Immunofluorescence, Immunoprecipitation, CyTOF-ready



Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Flow (Cell Surface), CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

Product Image: CD45 Antibody (EM-05) [Alexa Fluor® 594] [NBP1-44763AF594] - Vial of Alexa Fluor 594 conjugated antibody. Alexa Fluor 594 is optimally excited at 590 nm by the Yellow-Green laser (561 nm) and has an emission maximum of 617 nm.



Publications

Md. Hafiz Uddin, Mohammad Najeeb Al-Hallak, Husain Yar Khan, Amro Aboukameel, Yiwei Li, Sahar F. Bannoura, Gregory Dyson, Seongho Kim, Yosef Mzannar, Ibrahim Azar, Tanya Odisho, Amr Mohamed, Yosef Landesman, Steve Kim, Rafic Beydoun, Ramzi M. Mohammad, Philip A. Philip, Anthony F. Shields, Asfar S. Azmi Molecular analysis of XPO1 inhibitor and gemcitabine–nab-paclitaxel combination in KPC pancreatic cancer mouse model Clinical and Translational Medicine 2023-12-22 [PMID: 38131168]

Mender I, Siteni S, Barron S et al. Activating an Adaptive Immune Response with a Telomerase-mediated Telomere Targeting Therapeutic in Hepatocellular Carcinoma Molecular cancer therapeutics 2023-04-18 [PMID: 37070671]



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Products Related to NBP1-44763AF594

NBP2-51591-0.02mg	Recombinant Human CD45 His Protein
210-TA-005	TNF-alpha [Unconjugated]
1430-CD-050	CD45 [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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