

# Product Datasheet

## CD45 Antibody (EM-05) - BSA Free NBP1-44763

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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### Publications: 1

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**NBP1-44763**

CD45 Antibody (EM-05) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	EM-05
Preservative	0.9% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	145 kDa

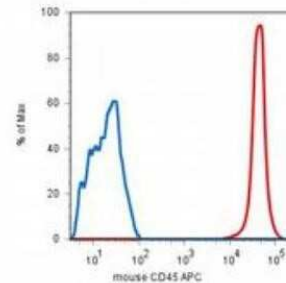
Product Description	
Host	Rat
Gene ID	5788
Gene Symbol	PTPRC
Species	Mouse
Specificity/Sensitivity	CD45 Antibody (EM-05) reacts with mouse CD45 antigen (Leukocyte Common Antigen), a single chain type I transmembrane protein expressed at high level on cells of hematopoietic origin, except erythrocytes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

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 2 ug/ml, Immunocytochemistry/Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:50, Flow (Cell Surface), CyTOF-ready
Application Notes	This antibody is Cytof ready.

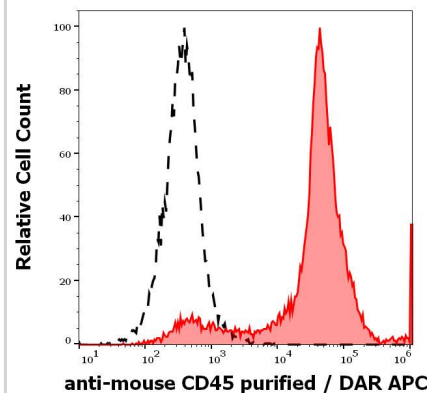


## Images

Flow (Cell Surface): CD45 Antibody (EM-05) [NBP1-44763] - Analysis using the Allophycocyanin conjugate of CD45 antibody (EM-05) [NBP1-44763]. Surface staining of mouse blood lymphocytes with anti-CD45 antibody EM-05-APC.



Surface staining pattern of murine splenocytes stained using anti-mouse CD45 (EM-05) purified antibody (concentration in sample 1.67 ug/ml, DAR APC).



## Publications

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] (IHC-P, Mouse)



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### **Products Related to NBP1-44763**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
6-001-F	Rat IgG Isotype Control
NBP2-51591-0.02mg	Recombinant Human CD45 His Protein

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### **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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