

Product Datasheet

CD45 Antibody (MEM-28) [Biotin] NB110-81718

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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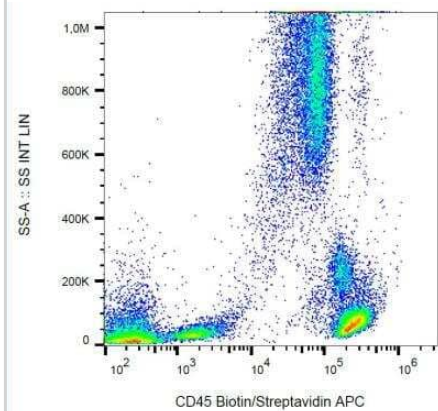
NB110-81718

CD45 Antibody (MEM-28) [Biotin]

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-28
Preservative	0.09% Sodium Azide
Isotype	IgG1
Conjugate	Biotin
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	147 kDa
Product Description	
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Human, Mouse, Equine (Negative)
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27272386). Please note that CD45 Antibody (MEM-28) is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	CD45 Antibody (MEM-28) reacts with all alternative forms 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 III; WS Code NL 833a
Immunogen	This CD45 Antibody (MEM-28) was prepared from Human thymocytes and T lymphocytes.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, In vitro assay, In vivo assay, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, In vitro assay, In vivo assay
Application Notes	Use in vivo reported in scientific literature (PMID: 27272386). Use In vitro assay reported in scientific literature (PMID: 27272386).

Images

Flow Cytometry: CD45 Antibody (MEM-28) [Biotin] [NB110-81718] - Staining of human peripheral blood cells with the Biotin conjugate of anti-human CD45 antibody (MEM-28) [NB110-81718].



Publications

Palchadhuri R, Saez B, Hoggatt J et al. Non-genotoxic conditioning for hematopoietic stem cell transplantation using a hematopoietic-cell-specific internalizing immunotoxin. Nat [PMID: 27272386] (FLOW, In Vivo, Mouse)

Details:

Used the Biotin form of this antibody.



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Products Related to NB110-81718

NBP2-29370	Streptavidin Native Protein
NBL1-14981	CD45 Overexpression Lysate
NBP1-96888	Mouse IgG1 Isotype Control (MG1) [Biotin]
NB110-81719	CD45 Antibody (MEM-28) [FITC]

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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