

Product Datasheet

CD45 Antibody (PSH03-64)

NBP3-32448

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32448

CD45 Antibody (PSH03-64)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH03-64
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	147 kDa

Product Description	
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Human
Immunogen	Synthetic peptide. (Uniprot: P08575)

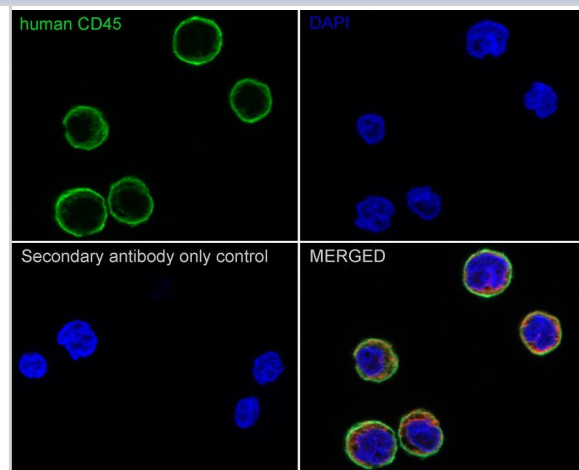
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Immunocytochemistry/ Immunofluorescence: CD45 Antibody (PSH03-64) [NBP3-32448] - Immunocytochemistry analysis of Raji cells labeling CD45 with Mouse anti-CD45 antibody (NBP3-32448) at 1/100 dilution.

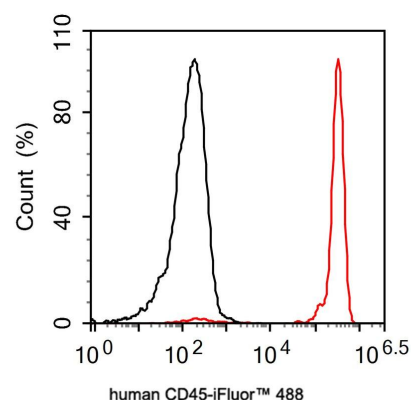
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-CD45 antibody (NBP3-32448) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.

Flow Cytometry: CD45 Antibody (PSH03-64) [NBP3-32448] - Flow cytometric analysis of human PBMC labeling human CD45.

Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (NBP3-32448, 1 µg/mL) (red). After incubation of the primary antibody at +4 °C for 30 minutes, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Mouse IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32448

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-51591-0.02mg	Recombinant Human CD45 His Protein

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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