

Product Datasheet

CD45RA Antibody (OTH-74D4) - Chimeric - Azide and BSA Free NBP3-12063-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP3-12063-0.2mg

CD45RA Antibody (OTH-74D4) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	OTH-74D4
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

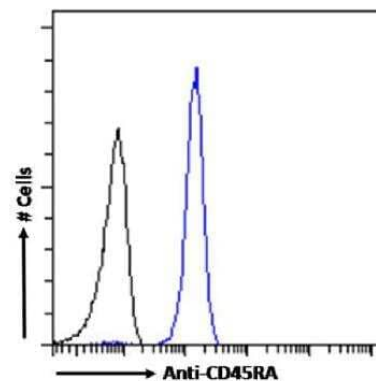
Product Description	
Host	Rabbit
Gene ID	5788
Gene Symbol	PTPRC
Species	Human
Specificity/Sensitivity	OTH-74D4 antibody recognises CD45RA, which is an CD45 isoform containing only protein A region. The CD45RA antigen is expressed mostly on naive CD4+, CD8+ and gd+ T and on most B and NK lymphocytes. Generally the CD45RA antigen density decreases upon activation.
Immunogen	This antibody was raised by immunising mice with an EBV-transformed B cell line from a patient with MHC class II deficiency.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

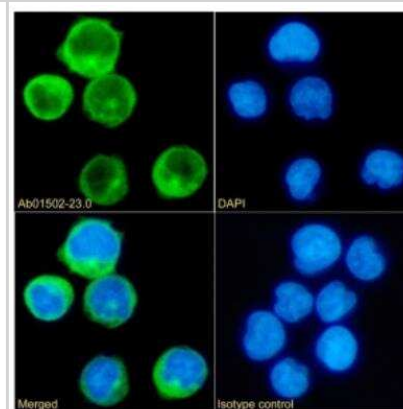


Images

Flow Cytometry: CD45RA Antibody (OTH-74D4) - Chimeric [NBP3-12063] - Using the Anti-CD45RA antibody OTH-74D4 (Ab01502). Paraformaldehyde fixed Jurkat cells permeabilized with 0.5% Triton were stained with CD45RA antibody (Ab00178-23.0; isotype control, black line) or the rabbit IgG version of OTH-74D4 (Ab01502-23.0, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Immunofluorescence: CD45RA Antibody (OTH-74D4) - Chimeric [NBP3-12063] - Staining of Jurkat cells with anti-CD45RA (Ab01502) OTH-74D4. Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells on Shi-fix™ cover-slips stained with the chimeric rabbit IgG version of OTH-74D4 (Ab01502-23.0) (1:100 dilution) for 1h followed by Alexa Fluor® 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom Ab01502-23.0, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody (Ab00178-23.0) followed by staining with Alexa Fluor® 488 secondary antibody.





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210-TA-005	TNF-alpha [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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