

# 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**

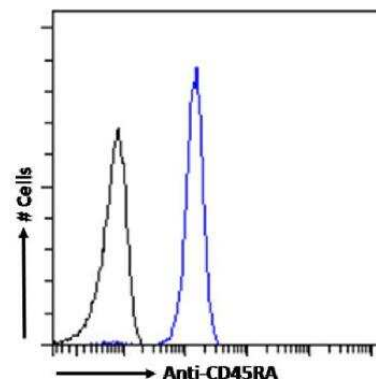
CD45RA Antibody (OTH-74D4) - Chimeric - Azide and BSA Free

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.

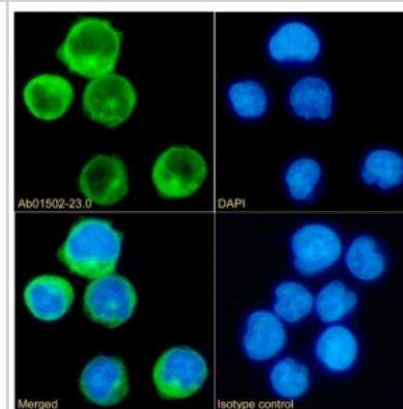


## Images

**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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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
210-TA-005	TNF-alpha [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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