

# Product Datasheet

## CD45RA Antibody (PTPRC/7019R) NBP3-13758-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP3-13758-100ug**

CD45RA Antibody (PTPRC/7019R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	PTPRC/7019R
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

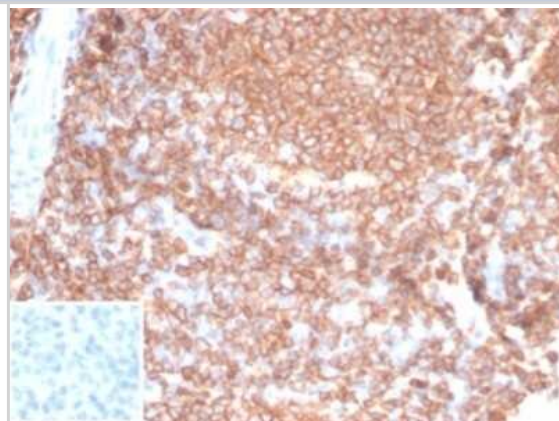
Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA &amp; 0.05% azide. Also available WITHOUT BSA &amp; azide at 1.0 mg/ml. (NBP3-14161)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. Non-hazardous.</p> <p>Theoretical molecular weight: 180-220kDa</p>
Host	Rabbit
Gene ID	5788
Gene Symbol	PTPRC
Species	Human
Marker	B-Cell Marker
Specificity/Sensitivity	<p>CD45R, also designated CD45 and PTPRC, has been identified as a transmembrane glycoprotein, broadly expressed among hematopoietic cells. Multiple isoforms of CD45R are distributed throughout the immune system according to cell type. These isoforms arise because of alternative splicing of exons 4, 5, and 6. The corresponding protein domains are characterized by the binding of monoclonal antibodies specific for CD45RA (exon 4), CD45RB (exon 5), CD45RC (exon 6) and CD45RO (exons 4 to 6 spliced out). The variation in these isoforms is localized to the extracellular domain of CD45R, while the intracellular domain is conserved. CD45R functions as a phosphor-tyrosine phosphatase. Antibody to CD45 is useful in differential diagnosis of lymphoid tumors from non-hematopoietic undifferentiated neoplasms.</p>
Immunogen	Recombinant full-length human CD45RA protein (Uniprot: P08575)

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes



## Images

Immunohistochemistry-Paraffin: CD45RA Antibody (PTPRC/7019R) [NBP3-13758] - Formalin-fixed, paraffin-embedded human tonsil stained with CD45RA antibody (PTPRC/7019R). Inset: PBS instead of primary antibody; secondary only negative control.





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### **Products Related to NBP3-13758-100ug**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
210-TA-005	TNF-alpha [Unconjugated]
6507-IL-010/CF	IL-4 [Unconjugated]

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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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