

Datasheet for ABIN4949302

Recombinant anti-CD45RB antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD45RB
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD45RB antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human B lymphocytes were used as immunogen for this recombinant CD45RB antibody.
Clone:	PTPRC-1783R
Isotype:	IgG kappa
Purification:	Protein A affinity chromatography

Target Details

Target:	CD45RB
Alternative Name:	CD45RB (CD45RB Products)
Background:	CD45R, also designated CD45 and PTPRC, has been identified as a transmembrane glycoprotein, broadly expressed among hematopoietic cells. Multiple isoforms of CD45R are

Target Details

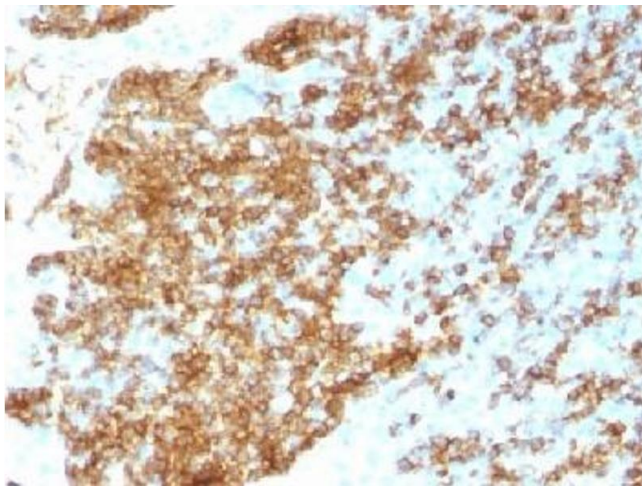
distributed throughout the immune system according to cell type. These isoforms arise because of alternative splicing of exons 4, 5, and 6. The corresponding protein domains are characterized by the binding of monoclonal antibodies specific for CD45RA (exon 4), CD45RB (exon 5), CD45RC (exon 6) and CD45RO (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. CD45RB is expressed on mature B-lymphocytes and the majority of lymphomas and leukemias of B-cell origin. This antigen is also expressed on the surface of cells of myeloid lineage.

Application Details

Application Notes:	Due to variation in protocol and secondary antibody used, the recombinant CD45RB antibody may need to be titered for optimal performance. 1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. Immunohistology (FFPE): 0.5-1 µg/mL for 30 minutes at RT,Prediluted IHC only format: incubate for 30 min at RT (1)
Restrictions:	For Research Use only

Handling

Concentration:	0.2 mg/mL
Buffer:	0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	The recombinant CD45RB antibody (with azide) can be stored at 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.



Immunohistochemistry

Image 1. IHC testing of recombinant CD45RB antibody and FFPE human tonsil (clone PTPRC/1783R). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min followed by cooling at RT for 20 min.