

Datasheet for ABIN6252244 **anti-CD45RB antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD45RB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD45RB antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Extract from the hepatoma cell line L428 was used as immunogen for this CD45RB antibody.
Clone:	DF-B1
Isotype:	IgG3 kappa
Purification:	Protein G 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 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

Target Details

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.

Gene ID: 5788

UniProt: [P08575](#)

Application Details

Application Notes: Flow Cytometry: 0.5-1 µg/million cells

Immunofluorescence: 0.5-1 µg/mL

Immunohistology (FFPE): 0.5-1.0 µg/mL for 30 minutes at RT (1)

Prediluted format : incubate for 30 min at RT (2)

Due to variation in protocol and secondary antibody used, the CD45RB antibody may need to be titrated for optimal performance.

1. FFPE staining requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.

2. 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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.1 mg/mL BSA and 0.05 % sodium azide

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and Store at -20C. Avoid freez-thaw cycles.