

Mouse CD45RB Antibody | anti-CD45RB antibody

Anti-Hu CD45RB Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128824	Mouse	Non-human primates, Human	Immunohistochemistry, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay

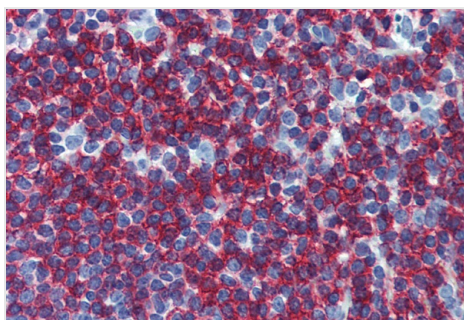
PRODUCT SYNONYMS

CD45RB; Anti-Hu CD45RB Purified; PTPRCR; T200RB; anti-CD45RB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Non-human primates, Human
Isotype	IgG1
Clone Number	MEM-55
Specificity	The antibody MEM-55 recognizes a siliadase-sensitive extracellular epitope of CD45RB, a 180-240 kDa single chain type I membrane glycoprotein, variant of CD45 (CD45RB isoform). CD45RB is expressed on a subset of T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-CD45RB antibody	IHC (Immunohistochemistry), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	Human thymocytes and T lymphocytes.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry staining of human small intestine (paraffin-embedded sections) with anti-CD45RB (MEM-55). Commercially tested by LifeSpan BioSciences.

ADDITIONAL INFORMATION

Related Product Information for anti-CD45RB antibody	CD45RB is an of a receptor-type protein tyrosine phosphatase, CD45 glycoprotein. CD45 is crucial in lymphocyte development and antigen signaling, serving as an important regulator of Src-family kinases, promotes cell survival by modulating integrin-mediated signal transduction pathway and is also involved in DNA fragmentation during apoptosis. CD45 isoforms differ in their extracellular domains, whereas they share identical transmembrane and cytoplasmic domains. These isoforms differ in their ability to translocate into the glycosphingolipid-enriched membrane domains and their expression depends on cell type and physiological state of the cell. CD45RB is expressed e.g. in microglia and inflammatory cells.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-human-primate-antibody/cd45rb/128824>