

Mouse anti-Human CD45RA Monoclonal Antibody

Anti-Hu CD45RA APC-Cy7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129167	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD45RA; Monoclonal Antibody; Anti-Hu CD45RA APC-Cy7; PTPRCR; T200RA; anti-CD45RA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Number	MEM-56
Specificity	The antibody MEM-56 reacts with an extracellular epitope of CD45RA, a 205-220kDa single chain type I glycoprotein, variant of CD45 (CD45RA isoform). CD45RA is expressed on most of B lymphocytes, resting and native T lymphocytes, medullar thymocytes and monocytes.
Purity/Purification	The purified antibody is conjugated with tandem dye APC-Cy7 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Applicable Applications for anti-CD45RA antibody	FCM/FACS (Flow Cytometry)
Conjugation	APC-Cy7
Immunogen	Human thymocytes and T lymphocytes.
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

ADDITIONAL INFORMATION

Related Product Information for anti-CD45RA antibody	CD45RA is a high molecular weight isoform 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. CD45RA is expressed e.g. on naïve T cells and normal plasma cells.
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References

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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/monoclonal/cd45ra-antibody-clone-mem-56-flow-cytometry-elisa/129167>