

Mouse anti-Human CD45RA Antibody | anti-CD45RA antibody

Anti-Hu CD45RA PerCP-Cyanine5.5

CATALOG # AAA128827	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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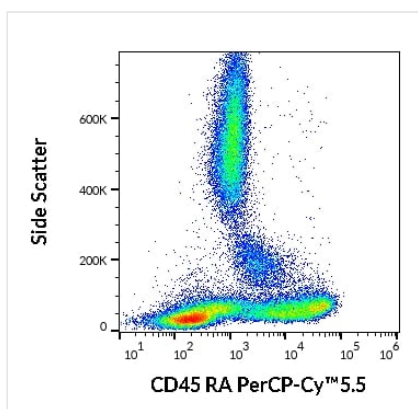
PRODUCT SYNONYMS

CD45RA; Anti-Hu CD45RA PerCP-Cyanine5.5; PTPRCR; T200RA; anti-CD45RA antibody

PRODUCT SPECIFICATIONS

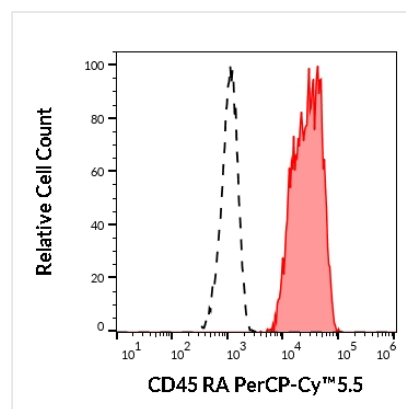
Host	Mouse
Reactivity	Human
Isotype	IgG2b
Clone Number	MEM-56
Specificity	The antibody MEM-56 reacts with an extracellular epitope of CD45RA, a 205-220 kDa single chain type I glycoprotein, variant of CD45 (CD45RA isoform). CD45RA is expressed on most of B lymphocytes, resting and native T lymphocytes, medullar thymocytes and monocytes.
Purity/Purification	The purified antibody is conjugated with tandem dye PerCP-Cyanine5.5 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Applicable Applications for anti-CD45RA antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human thymocytes and T lymphocytes.
Conjugation	PerCP-Cyanine5.5
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD45RA (MEM-56) PerCP-Cy™5.5 antibody (4 ul reagent / 100 ul of peripheral whole blood).



FCM/FACS (Flow Cytometry)

Separation of human CD45RA positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD45RA (MEM-56) PerCP-Cy™5.5 antibody (4 ul reagent / 100 ul of peripheral whole blood).

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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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/cd45ra/128827>