

Rat CD45R Monoclonal Antibody | anti-CD45R antibody

Anti-Ms CD45R FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128949	Rat	Cat, Mouse, Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD45R; Monoclonal Antibody; Anti-Ms CD45R FITC; PTPRCR; T200R; anti-CD45R antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Cat, Mouse, Human
Clonality	Monoclonal
Isotype	IgG2a kappa
Clone Number	RA3-6B2
Specificity	The rat monoclonal antibody RA3-6B2 recognizes an extracellular epitope on CD45R, which is expressed at all developmental stages of B cells, including activated B cells, but also on subsets of NK and T cells. T cells detected by this antibody are supposed to be in activated state.
Purity/Purification	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	0.5 mg/ml (varies by lot)
Applicable Applications for anti-CD45R antibody	FCM/FACS (Flow Cytometry)
Immunogen	Abelson murine leukemia virus-induced pre-B tumor cells
Conjugation	FITC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD45R antibody	CD45R, also known as B220, is a receptor-type protein tyrosine phosphatase glycoprotein. It 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. CD45R expression also identifies a subset of murine bone marrow cells able to form osteoclast-like 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.comOnline datasheet: <https://www.aaabiotech.com/monoclonal/cd45r-antibody-clone-ra3-6b2-flow-cytometry-elisa/128949>