

Rat CD13 Monoclonal Antibody | anti-CD13 antibody

RAT ANTI MOUSE CD13:FITC

CATALOG # AAA49094	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
------------------------------	--------------------	---

PRODUCT SYNONYMS

CD13; Monoclonal Antibody; RAT ANTI MOUSE CD13:FITC; Lap1; Lap-1; anti-CD13 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	R3-63
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	966
Applicable Applications for anti-CD13 antibody	FCM/FACS (Flow Cytometry)
Preservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Immunogen	Mouse intestinal APN
Fusion Partners	Spleen cells from immunised mice were fused with cells of the IR983F rat myeloma cell line.
Target Species	Mouse
Preparation and Storage	Store at 4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-CD13 antibody	Rat anti Mouse CD13 antibody, clone R3-63 recognizes mouse aminopeptidase N (APN), a cell surface protein homologous with human CD13. In the mouse, CD13 is a non-covalently linked homodimer of approximately 150kDa subunits expressed by a variety of cells including monocytes, macrophages, dendritic cell and veiled cells. Rat anti Mouse CD13 antibody, clone R3-63 has been reported to block mouse APN enzyme activity (Kamoun et al. 2009).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	225637487
NCBI GeneID	16790
NCBI Accession #	NP_032512.2
NCBI GenBank Nucleotide #	NM_008486.2
UniProt Accession #	P97449; Q91YH8; Q99K63
NCBI Official Full Name	aminopeptidase N
NCBI Official Synonym Full Names	alanyl (membrane) aminopeptidase
NCBI Official Symbol	Anpep
NCBI Official Synonym Symbols	Apn; AP-M; AP-N; Cd13; P150
NCBI Protein Information	aminopeptidase N; alanyl aminopeptidase; aminopeptidase M; aminopeptidase N/CD13; membrane protein p161; microsomal aminopeptidase
UniProt Protein Name	Aminopeptidase N
UniProt Gene Name	Anpep
UniProt Synonym Gene Names	Lap-1; Lap1; AP-N; mAPN; AP-M
UniProt Entry Name	AMPN_MOUSE

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/monoclonal/cd13-antibody-clone-r3-63-flow-cytometry-elisa/49094>