

Mouse CD89 Monoclonal Antibody | anti-CD89 antibody

Anti-Hu CD89 Purified

CATALOG # AAA128398	HOST Mouse	REACTIVITY Human, Non-human primates	APPLICATIONS Flow Cytometry, Functional Assay
-------------------------------	----------------------	--	---

PRODUCT SYNONYMS

CD89; Monoclonal Antibody; Anti-Hu CD89 Purified; Fc fragment of IgA receptor; FcαRI; FcAR; CTB-61M7.2; anti-CD89 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Non-human primates
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	A59
Specificity	The mouse monoclonal antibody A59 recognizes an extracellular epitope of CD89, a 55-100 kDa glycoprotein serving as a receptor for IgA and expressed mainly on granulocytes, monocytes and macrophages.
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)
Sequence Length	287
Applicable Applications for anti-CD89 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Ag8.653 myeloma cells
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD89 antibody	CD89 (Fc-alpha-R) is a type I transmembrane glycoprotein serving as a receptor for IgA. Soluble CD89 is detectable in serum and retains its IgA binding capacity. For signal transduction the association with FcR gamma chain homodimers is needed. CD89 is expressed on granulocytes, monocytes, macrophages, dendritic cells and myeloid cell lines. Its expression is upregulated in presence of IgA immune complexes, stimulators (such as LPS, PMA), TNF alpha, IL1 beta or GM-CSF, and it is downregulated in presence of TGF beta and suramin. Binding of IgA-opsonized targets to CD89 leads to phagocytic and cytotoxic processes of the immunologic defense.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	119860
NCBI GeneID	2204
UniProt Accession #	P24071
NCBI Official Full Name	Immunoglobulin alpha Fc receptor
NCBI Official Synonym Full Names	Fc fragment of IgA receptor

NCBI Official Symbol	FCAR
NCBI Official Synonym Symbols	CD89; FcalphaRI; CTB-61M7.2
NCBI Protein Information	immunoglobulin alpha Fc receptor
UniProt Protein Name	Immunoglobulin alpha Fc receptor
UniProt Gene Name	FCAR
UniProt Synonym Gene Names	CD89; IgA Fc receptor

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://www.aaabiotech.com/monoclonal/cd89-antibody-clone-a59-flow-cytometry-elisa/128398>