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30-1063: Anti-CD89 Monoclonal Antibody (Clone:A59)

Clonality :	Monoclonal
Clone Name :	A59
Application :	FACS
Reactivity :	Human, Non-Human Primates
Gene :	FCAR
Gene ID :	2204
Uniprot ID :	P24071
Format :	Purified
Alternative Name :	FCAR, CD89, IgA Fc receptor
Isotype :	Mouse IgG1
Immunogen Information :	Ag8.653 myeloma cells

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.