

CD89 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01558
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human FCAR. AA range:31-80
Mol wt	32265
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CD89 Antibody
Synonyms	FCAR; CD89; Immunoglobulin alpha Fc receptor; IgA Fc receptor; CD89

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

FCAR is a member of the immunoglobulin gene superfamily and encodes a receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several immunologic defense processes, including phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Recommended Dilution

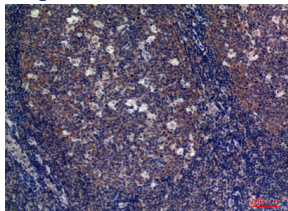
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

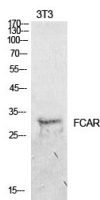
ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100



Western Blot analysis of NIH-3T3 cells using CD89 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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