

Datasheet for ABIN2855990

anti-FCAR antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FCAR
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FCAR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CD89. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to CD89 (Fc fragment of IgA, receptor for) CD89 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FCAR
Alternative Name:	Fc fragment of IgA receptor (FCAR Products)

Target Details

Background: This gene 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.

Cellular Localization: Isoform A , 1: Cell membrane, Single-pass type I membrane protein , 2: Cell membrane, Single-pass type I membrane protein , 3: Cell membrane, Single-pass type I membrane protein , Isoform B: Secreted , Isoform B-delta-S2: Secreted

Molecular Weight: 32 kDa

Gene ID: 2204

UniProt: [P24071](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Raji , K562

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

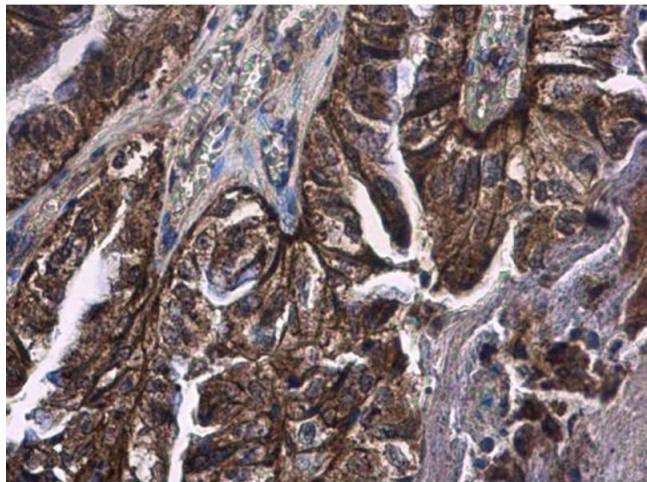
Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

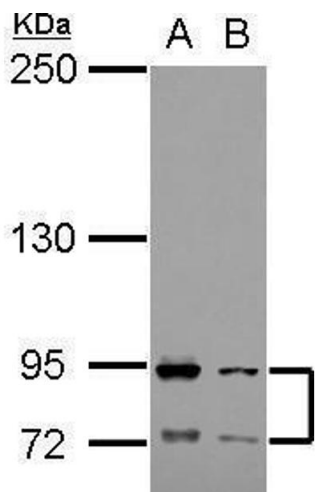
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC-P Image CD89 antibody detects CD89 protein at cytoplasm in human cervical carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human cervical carcinoma. CD89 antibody , diluted at 1:500.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: Raji B: K562 5% SDS PAGE antibody diluted at 1:1000