

FCAR Rabbit pAb

Catalog No.: A8888

Basic Information

Observed MW

40kDa

Calculated MW

32kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:200 - 1:1000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

2204

Swiss Prot

P24071

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 60-287 of human FCAR (NP_001991.1).

Synonyms

CD89; FcalphaR; FcalphaRI; CTB-61M7.2; FCAR

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

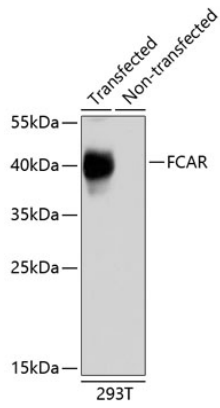
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from 293T cells, using FCAR Rabbit pAb (A8888).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.