

## FCAR Antibody

Catalog No: #36474

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## Description

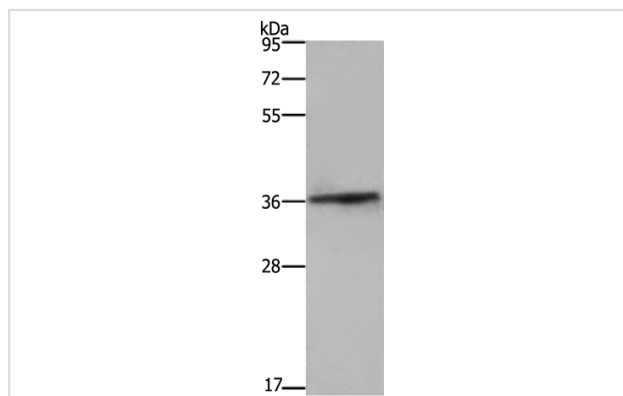
Product Name	FCAR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FCAR protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Immunoglobulin alpha Fc receptor
Target Name	FCAR
Other Names	CD89
Accession No.	Swiss-Prot#: P24071NCBI Gene ID: 2204Gene Accssion: BC027953
Uniprot	P24071
GeneID	2204;
SDS-PAGE MW	32kd
Concentration	0.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 8%SDS-PAGE

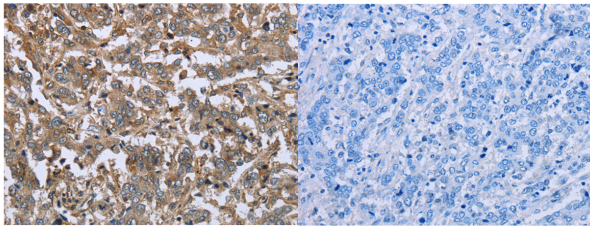
Lysate: 40  $\mu$ g

Lane: 293T cells

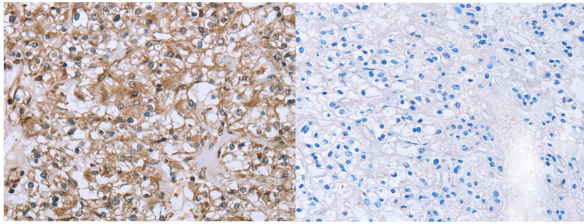
Primary antibody: 36474(FCAR Antibody) at  
dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 36474(FCAR Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 36474(FCAR Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

## 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.

Note: This product is for in vitro research use only