Datasheet for ABIN5684138

anti-FCAR antibody (AA 22-227)

4 Images

Go to Product page

Overview

Quantity:	0.1 mg
Target:	FCAR
Binding Specificity:	AA 22-227
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FCAR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD89 (AA: extra 22-227) expressed in E. coli.
Clone:	2F9E10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	FCAR
Alternative Name:	CD89 (FCAR Products)
Background:	Description: This gene is a member of the immunoglobulin gene superfamily and encodes a

Target Details

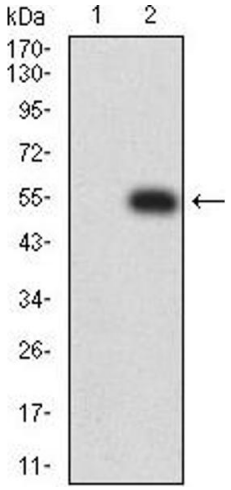
	receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several 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. Aliases: FCAR, FcalphaRI, CTB-61M7.2
Molecular Weight:	32.3 kDa
Gene ID:	2204
HGNC:	2204

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A
Restrictions:	For Research Use only

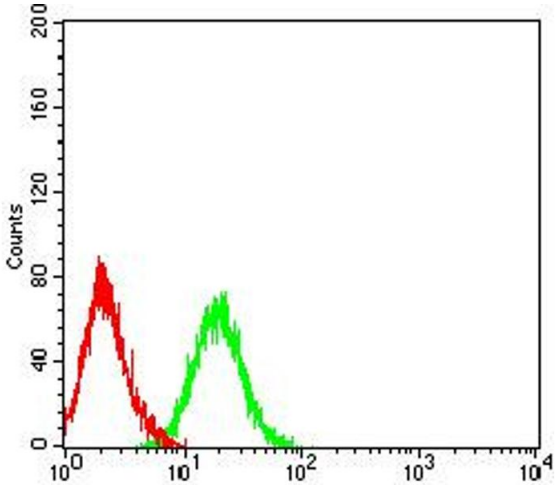
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



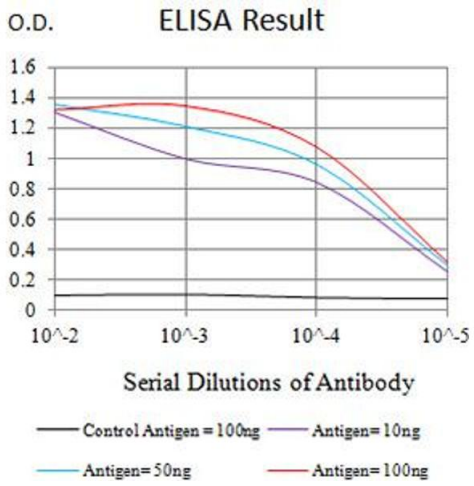
Western Blotting

Image 1. Western blot analysis using CD89 mAb against HEK293 (1) and CD89 (AA: extra 22-227)-hIgGFc transfected HEK293 (2) cell lysate.



Flow Cytometry

Image 2. Flow cytometric analysis of HL-60 cells using CD89 mouse mAb (green) and negative control (red).



ELISA

Image 3. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the product details page for more images. Overall 4 images are available for ABIN5684138.