

Product Name: KD-Validated CD89 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01081**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 32.3kDa

Antigen Information

Gene Name	FCAR FCAR; Fc Alpha Receptor; CD89; Fc Fragment Of IgA, Receptor For; Immunoglobulin Alpha Fc
Alternative Names	Receptor; Fc Fragment Of IgA Receptor; Fc alphaRI; Fc alphaR; IgA Fc Receptor; CD89 Antigen; CTB-61M7.2; FCALPHARI; FCALPHAR
Gene ID	2204.0
SwissProt ID	P24071
Immunogen	A synthesized peptide derived from human CD89

Background

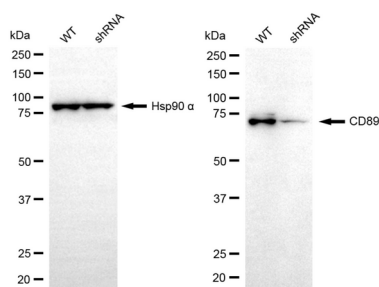
This gene is a member of the immunoglobulin gene superfamily and encodes a receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages,

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. [provided by RefSeq, Jul 2008]

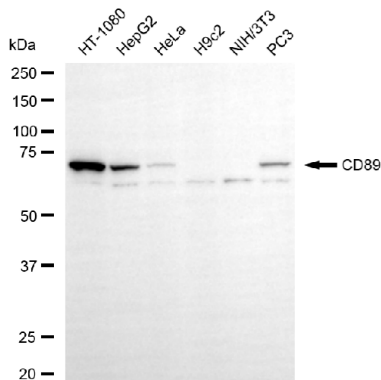
Research Area

Immunology

Image Data



Western blotting analysis using CD89 antibody (KVA01081). CD89 expression in wild-type (WT) and CD89 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CD89 antibody (KVA01081, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using CD89 antibody (KVA01081). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CD89 antibody (KVA01081, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.