

---

**Product Name: CD89 Rabbit Polyclonal Antibody****Catalog #: APRab08480**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	32kDa

**Antigen Information**

<b>Gene Name</b>	FCAR
<b>Alternative Names</b>	FCAR; CD89; Immunoglobulin alpha Fc receptor; IgA Fc receptor; CD89
<b>Gene ID</b>	2204.0
<b>SwissProt ID</b>	P24071
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human FCAR. AA range:31-80

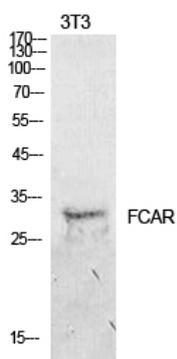
**Background**

This gene is a member of the immunoglobulin gene superfamily and encodes a receptor for the Fc region of IgA. The receptor

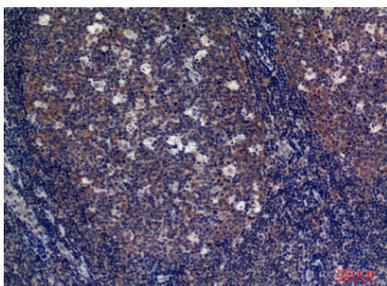
is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsionized targets and triggers several immunologic defense processes, including phagocytosis, 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], alternative products: Additional isoforms seem to exist, function: Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production., similarity: Contains 2 Ig-like C2-type (immunoglobulin-like) domains., subunit: Associates with the Fc epsilon RI gamma 2 receptor inducing tyrosine phosphorylation of gamma 2., tissue specificity: Differentially expressed between blood and mucosal myeloid cells. Monocytes express isoform A.1, isoform A.2 and isoform A.3 while alveolar macrophages express isoform A.1 and isoform A.2; however they express only one isoform at their surfaces.,

## Research Area

### Image Data



Western Blot analysis of NIH-3T3 cells using CD89 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100