

CAB8888

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## Product Information

<b>Product SKU:</b>	CAB8888	<b>Gene ID:</b>	2204	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human, Mouse

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## Additional Information

<b>Observed MW:</b>	40kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	32kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**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 Dilution:** WB, 1:200 - 1:1000 IF/ICC, 1:50 - 1:200

**Synonyms:** CD89; FcαR; FcαRI; CTB-61M7.2; FCAR

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 60-287 of human FCAR (NP\_001991.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.