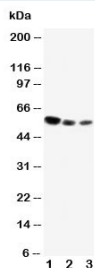


CD89 Antibody (R30625)

Catalog No.	Formulation	Size
R30625	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P24071
Applications	Western Blot : 0.5-1ug/ml
Limitations	This CD89 antibody is available for research use only.



Western blot testing of CD89 antibody and Lane 1: U87; 2: Raji; 3: Jurkat cell lysate

Description

FCAR, Receptor for Fc fragment of IGA, is also known as CD89. It is a glycoprotein of 50-100 kD present on a number of cell types, including neutrophils, monocytes, macrophages, and eosinophils. CD89 interacts with aggregated IgAs (but not IgGs), such as IgA coated on the surface of an invading microorganism, and mediates several immunologic defense processes such as phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CD89 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle of human CD89 (EFVIDHMDANKAGRYQCQ) was used as the immunogen for this CD89 antibody.

Storage

After reconstitution, the CD89 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.