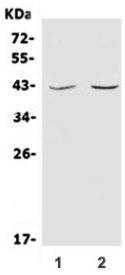
CD48 Antibody (RQ5802)

Catalog No.	Formulation	Size
RQ5802	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P09326
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This CD48 antibody is available for research use only.



Western blot testing of 1) human Jurkat and 2) mouse thymus lysate with CD48 antibody. Expected molecular weight 28 kDa (unmodified), up to 50 kDa (glycosylated).

Description

CD48 antigen (Cluster of Differentiation 48), also known as B-lymphocyte activation marker (BLAST-1) or signaling lymphocytic activation molecule 2 (SLAMF2), is a protein that in humans is encoded by the CD48 gene. This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal

domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the CD48 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q27-S220) was used as the immunogen for the CD48 antibody.

Storage

After reconstitution, the CD48 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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