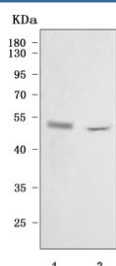


## Cd48 Antibody (RQ7911)

Catalog No.	Formulation	Size
RQ7911	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P18181
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Cd48 antibody is available for research use only.



Western blot testing of mouse 1) spleen and 2) thymus tissue lysate with Cd48 antibody.  
Expected molecular weight: 28-50 kDa depending on glycosylation level.

## 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. Predicted to enable antigen binding activity and signaling receptor activity. Acts upstream of or within T cell activation and signal transduction. Located in external side of plasma membrane. Is expressed in left lung; liver; right lung; and thymus primordium. Orthologous to human CD48 (CD48 molecule).

## Application Notes

Optimal dilution of the Cd48 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant mouse protein (amino acids E77-G219) 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.