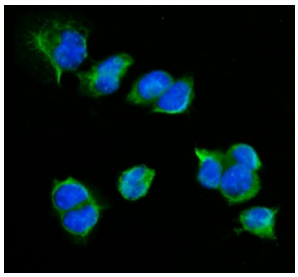
Cd72 Antibody (RQ6087)

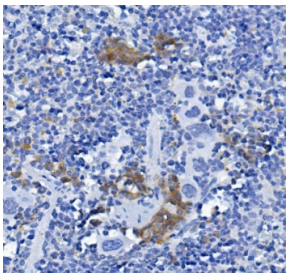
Catalog No.	Formulation	Size
RQ6087	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

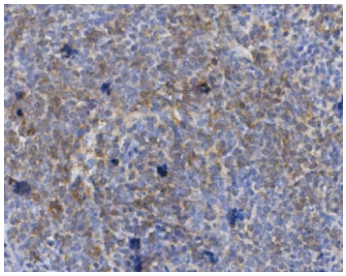
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P21855
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Cd72 antibody is available for research use only.



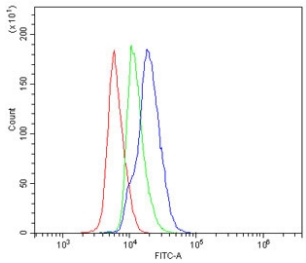
Immunofluorescent staining of FFPE mouse HEPA1-6 cells with Cd72 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



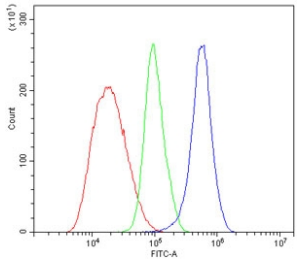
IHC staining of FFPE mouse spleen with Cd72 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



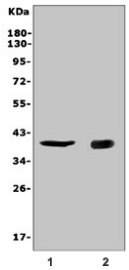
IHC staining of FFPE rat spleen with Cd72 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Flow cytometry testing of mouse spleen cells with Cd72 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Cd72 antibody.



Flow cytometry testing of mouse ANA-1 cells with Cd72 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Cd72 antibody.



Western blot testing of 1) rat liver and 2) mouse liver lysate with Cd72 antibody. Expected molecular weight: 39-45 kDa (monomer), ~86 kDa (dimer).

Description

CD72 (Cluster of Differentiation 72), also known in murine biology as Lyb-2, is a protein active in the immune systemof animals. This gene is mapped to 9p13.3. It consists of two identical halves, each of about 39-43 kD, and is a C-type lectin. Its primarily locus of expression is B-cells, where it appears to mediate aspects of B-cell - T-cell interaction. It is a ligand for CD5.

Application Notes

Optimal dilution of the Cd72 antibody should be determined by the researcher.

Immunogen

A mouse recombinant partial protein (amino acids A8-R346) was used as the immunogen for the Cd72 antibody.

Storage

After reconstitution, the Cd72 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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