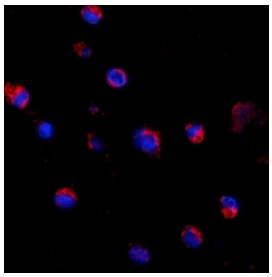
CD69 Antibody (RQ5875)

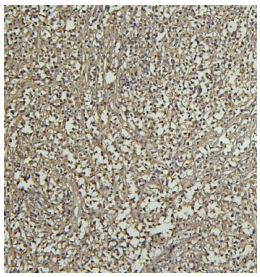
Catalog No.	Formulation	Size
RQ5875	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

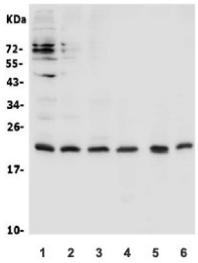
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q07108
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry: 1-2ug/ml Immunofluorescence: 2-4ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This CD69 antibody is available for research use only.



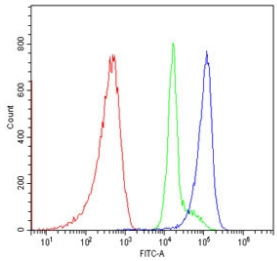
Immunofluorescent staining of FFPE human K562 cells with CD69 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE human B-lymphocyte tumor with CD69 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) K562, 2) HL-60, 3) Raji, 4) mouse SP2/0, 5) rat thymus and 6) mouse thymus lysate with CD69 antibody. Expected molecular weight: 22-32 kDa depending on glycosylation level.



Flow cytometry testing of human PBM cells with CD69 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CD69 antibody.

Description

This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets.

Application Notes

Optimal dilution of the CD69 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids T101-E148) was used as the immunogen for the CD69 antibody.

Storage

After reconstitution, the CD69 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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