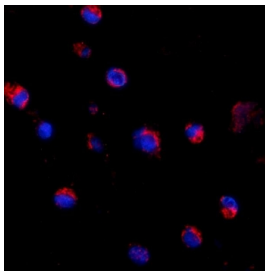


## CD69 Antibody (RQ5875)

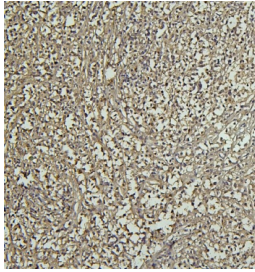
Catalog No.	Formulation	Size
RQ5875	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

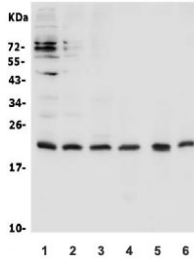
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q07108
<b>Applications</b>	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
<b>Limitations</b>	This CD69 antibody is available for research use only.



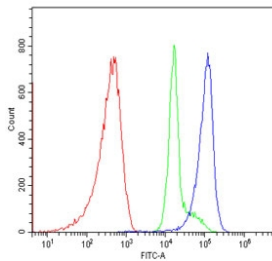
Immunofluorescent staining of FFPE human K562 cells with CD69 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

