



Product datasheet

Anti-CD69 antibody ab175391

1 Image

Overview

Product name	Anti-CD69 antibody
Description	Rabbit polyclonal to CD69
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	<p>Recombinant full length protein corresponding to Human CD69 aa 1-199. Sequence:</p> <p>MSENCFVAENSSLHPESGQENDATSPHFSTRHEGS FQVPVLCVMNVVF ITLIALIALSVGQYNCPGQYTFSMPSDSHVSSCEDWW GYQRKCYFIS TVKRSWTS AQNACSEHGATLAVIDSEKDMNFLKRYAG REEHWWGLKKEPG HPWKWSNGKEFNNWFNVTGSDKCVFLKNTEVSSME CEKNLYWICNKPYK</p> <p>Database link: Q07108</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	WB: THP-1, Jurkat, U-251MG and U-937 cell lysates. Mouse lung, thymus and spleen tissue lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol</p>
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab175391** in the following tested applications.

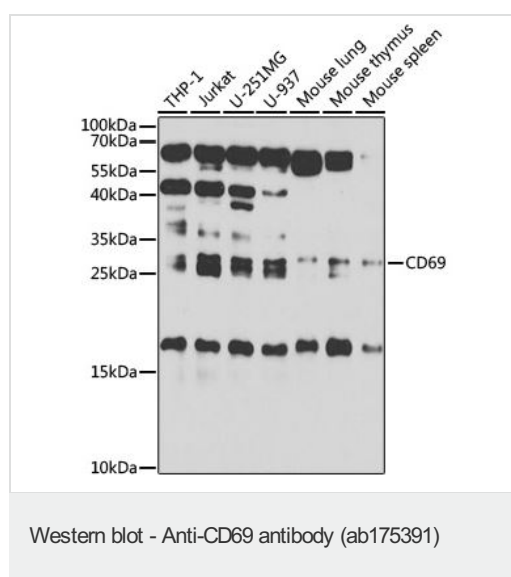
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 23 kDa.
ICC/IF		1/50 - 1/100.

Target

Function	Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets.
Tissue specificity	Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.
Sequence similarities	Contains 1 C-type lectin domain.
Developmental stage	Earliest inducible cell surface glycoprotein acquired during lymphoid activation.
Post-translational modifications	Constitutive Ser/Thr phosphorylation in both mature thymocytes and activated T-lymphocytes.
Cellular localization	Membrane.

Images



All lanes : Anti-CD69 antibody (ab175391) at 1/1000 dilution

Lane 1 : THP-1 cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : U-251MG cell lysate

Lane 4 : U-937 cell lysate

Lane 5 : Mouse lung tissue lysate

Lane 6 : Mouse thymus tissue lysate

Lane 7 : Mouse spleen tissue lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : HRP Goat AntiRabbit IgG (H+L) at 1/10000 dilution

Developed using the ECL technique.

Predicted band size: 23 kDa

Exposure time: 30 seconds

Blocking buffer: 3% nonfat dry milk in TBST.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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