

Product datasheet

Anti-CD69 antibody ab175391

[1 References](#) [1 Image](#)

Overview

Product name	Anti-CD69 antibody
Description	Rabbit polyclonal to CD69
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant full length protein corresponding to Human CD69 aa 1-199.

Sequence:

```
MSENCFVAENSSLHPESGQENDATSPHFSTRHEGSFQ  
VPVLCAVMNVVF  
ITLIIALIALSVGQYNCPGQYTFSMPSDSHVSSCEDWVG  
YQRKCYFIS  
TVKRSWTS AQNACSEHGATLAVIDSEKDMNFLKRYAGRE  
EHWVGLKKEPG  
HPWKWSNGKEFNWVFNVTGSDKCVFLKNTEVSSMECE  
KNLYWICNKPYK
```

Database link: [Q07108](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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	pH: 7.30

	Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

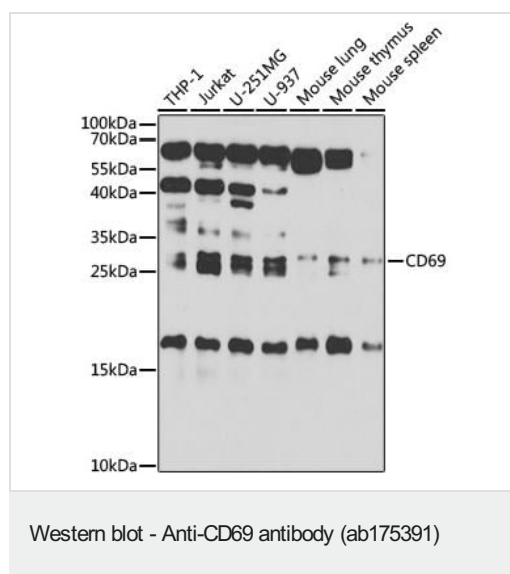
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175391 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

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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- We provide support in Chinese, English, French, German, Japanese and Spanish
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