abcam

Product datasheet

Anti-Hck antibody ab171905

1 Image

Overview

Product name Anti-Hck antibody

Description Mouse polyclonal to Hck

Host species Mouse

Tested applications Suitable for: WB

Species reactivity Reacts with: Human

Predicted to work with: Cynomolgus monkey

Immunogen Recombinant full length protein within Human Hck aa 1 to the C-terminus. The exact immunogen

sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please **contact**

our Scientific Support team to discuss your requirements.

Database link: P08631-2

Run BLAST with
Run BLAST with

Positive control Hck transfected 293T cell line lysate

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: 7.4

Constituent: 100% PBS

Purity Protein A purified

Clonality Polyclonal

Isotype IgG

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Applications

The Abpromise guarantee

Our <u>Abpromise guarantee</u> covers the use of ab171905 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 | | Use a concentration of 1 µg/ml. Predicted molecular weight: 60 kDa. |

Target

| Function | May serve as part of a signaling pathway coupling the Fc receptor to t | he activation of the |
|----------|--|----------------------|

respiratory burst. May also contribute to neutrophil migration and may regulate the degranulation

process of neutrophils.

Tissue specificity Expressed predominantly in cells of the myeloid and B-lymphoid lineages.

Sequence similaritiesBelongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.

Contains 1 protein kinase domain.

Contains 1 SH2 domain. Contains 1 SH3 domain.

Domain The SH3 domain mediates binding to HIV-1 Nef.

Cellular localization Membrane. Cytoplasm. At least half of this isoform is found in the cytoplasm, some of this fraction

is myristoylated and Membrane. Membrane > caveola. 20% of this isoform is associated with

caveolae, this association depends on palmitoylation of cyteine at position 3.

All lanes: Anti-Hck antibody (ab171905) at 1 µg/ml

Lane 1 : Hck transfected 293T cell line lysate
Lane 2 : Non-transfected 293T cell line lysate

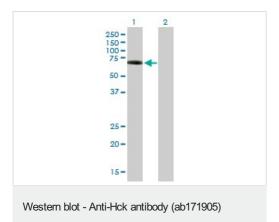
Form This protein is known to be similar in amino acid sequence to LCK (P06239), FYN (P06241),

YES1 (P07947), SRC (P12931), and LYN (P07948). Therefore, cross-reactivity with these

homologous proteins may be observed. We would be happy to provide immunogen alignment

information upon request.

Images



Lysates/proteins at 15 µl per lane.

Developed using the ECL technique.

Predicted band size: 60 kDa

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- Extensive multi-media technical resources to help you
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