abcam

Product datasheet

Anti-mMCP-4 antibody ab92368

1 Abreviews 3 References

Overview

Product name	Anti-mMCP-4 antibody
Description	Goat polyclonal to mMCP-4
Host species	Goat
Tested applications	**Suitable for:** IHC-P
Species reactivity	**Reacts with:** Mouse
Immunogen	Synthetic peptide corresponding to Mouse mMCP-4 aa 114-126 (internal sequence) (Cysteine residue). Sequence: KLQKKAKETPSVN 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. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	ab92368 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab92368 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
IHC-P	★★★★☆ **(1)**	Use at an assay dependent concentration.

Target

Function Has chymotrypsin-like activity. Hydrolyzes the amide bonds of synthetic substrates having Tyr and Phe residues at the P1 position. Preferentially hydrolyzes the 'Tyr-4-
-Ile-5' bond of angiotensin I and the 'Phe-20-
-Ala-21' bond of amyloid beta-protein, and is less active towards the 'Phe-8-
-His-9' bond of angiotensin I and the 'Phe-4-
-Ala-5' and 'Tyr-10-
-Glu-11' bonds of amyloid beta-protein. Involved in thrombin regulation and fibronectin processing.

Tissue specificity Submucosal mast cells. In femoral muscle, detected in myocytes but not in mast cells.

Sequence similarities Belongs to the peptidase S1 family. Granzyme subfamily.
Contains 1 peptidase S1 domain.

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