UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

EB09192 - Goat Anti-Mcpt4 / Myonase (mouse) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: Mcpt4, mast cell protease 4, MMCP-4, MMCP-4A, MMCP-4B, Mcp-4, myonase
Official Symbol: Mcpt4
Accession Number(s): NP_034909.2
Non-Human GeneID(s): 17227 (mouse)

Immunogen

Peptide with sequence C-KLQKKAKETPSVN, from the internal region of the protein sequence according to NP_034909.2.

Please note the peptide is available for sale.

Purification and Storage

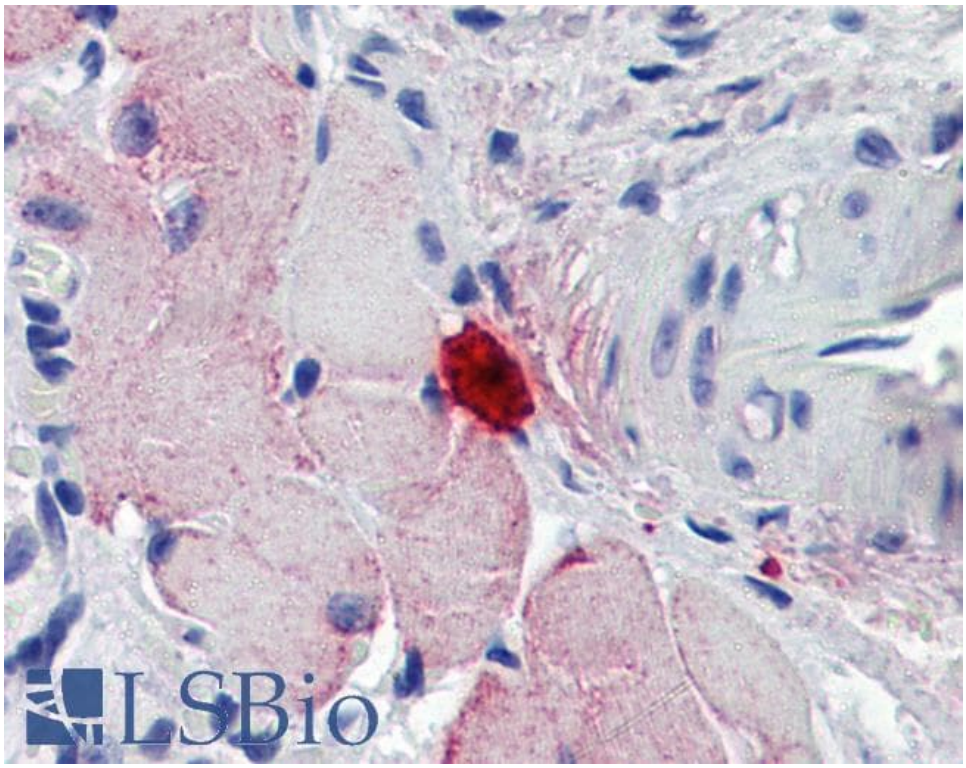
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.
Western blot: Preliminary experiments gave bands at approx. 40kDa and 15kDa in Mouse Skeletal Muscle lysates after 0.01µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 27.2kDa according to NP_034909.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).
IHC: Paraffin embedded Mouse Skeletal Muscle. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Mouse
Expected from sequence similarity: Mouse



EB09192 (3.75µg/ml) staining of paraffin embedded Mouse Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.