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GOAT ANTI-MCP10 / MCP9 ANTIBODY

SKU: EB08817

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	Mcp10|Mast cell protease 10|Chymase 2, mast cell|Cma2
Accession ID	NP_001019885.1; NP_034912.3
Blocking Peptide	EBP08817
Immunogen	Peptide with sequence CKIFKHYKDSLQ, from the intenal region of the protein sequence according to NP_001019885.1; NP_034912.3.
Product Comments	Mcp 10 and Mcp 9 (GeneID 545055) are almost identical in their protein sequence. No cross-reactivity expected with the similar Mcp4.
Peptide Sequence	CKIFKHYKDSLQ
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse
Mouse Gene ID	17232
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:2000.
Western Blot	Preliminary experiments gave an approx 49kDa band in Human Skeletal Muscle lysates after 0.02µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 26.9kDa according to NP_001019885.1 and NP_034912.3. The 49kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Application Type	Pep-ELISA

DOCUMENTS

- Data Sheet