



## Goat anti-Mcp10 / Mcp9 Antibody

<b>Item Number</b>	dAP-1552
<b>Target Molecule</b>	Principle Name: Mcp10 / Mcp9; Official Symbol: Cma2; All Names and Symbols: Cma2; Chymase 2, mast cell; Mast cell protease 10; Mcp10;; Accession Number (s): NP_001019885.1; NP_034912.3; Human Gene ID(s) ; Non-Human GeneID(s): 17232 (mouse)
<b>Immunogen</b>	CKIFKHYKDSLQ, is from intenal region Mcp 10 and Mcp 9 (GeneID 545055) are almost identical in their protein sequence. No cross-reactivity expected with the similar Mcp4.
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 2000.
<b>Western Blot</b>	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 si
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lee M, Calabresi L, Chiesa G, Franceschini G, Kovanen PT. Mast cell chymase degrades apoE and apoA-II in apoA-I-knockout mouse plasma and reduces its ability to promote cellular cholesterol efflux. Arterioscler Thromb Vasc Biol. 2002 Sep 1;22(9):1475-81..PMID: 12231569->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**