

Goat anti-ADAM12 Antibody

Item Number	dAP-0609
Target Molecule	Principle Name: ADAM12; Official Symbol: ADAM12; All Names and Symbols: ADAM12; MCMP; MLTN; MLTNA; MCMPMLtna; a disintegrin and metalloproteinase domain 12 (meltrin alpha); meltrin alpha; A disintegrin and metalloproteinase domain 12 (Meltrin-alpha, mouse, homolog of); ADAM metalloproteinase domain 12; RP11-295J3.5; Accession Number (s): NP_003465.3; NP_067673.2; Human Gene ID(s): 8038; Non-Human GeneID(s):
Immunogen	AARPLPVSPARALC, is from N Terminus This antibody is expected to recognise both the longer membrane-bound form of human ADAM12 (NP_003465.3) and the shorter soluble ADAM12 splice isoform (NP_067673.2). This antibody does not
Applications	Pep ELISA, FC, IF, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	
IHC	Immunohistochemistry: In paraffin embedded Human Prostate shows strong cytoplasm staining of a group of secretory epithelial cells. Recommended concentration: 3-5µg/ml. Paraffin embedded Human Placenta. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Galliano MF, Huet C, Frygeliuss J, Polgren A, Wewer UM, Engvall E. Binding of ADAM12, a marker of skeletal muscle regeneration, to the muscle-specific actin-binding protein, alpha -actinin-2, is required for

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**