

GOAT ANTI-ADAM12 (MOUSE) ANTIBODY

SKU: EB11060



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 a disintegrin and metallopeptidase domain 12 (meltrin alpha)| a disintegrin and metalloprotease domain 12| a disintegrin and metalloproteinase domain 12 (meltrin alpha)| ADAM 12| disintegrin and metalloproteinase domain-containing protein 12| KIAA4001| meltrin alpha| meltrin-alpha| mKIAA4001| Mltna| OTTMUSP00000023508|Adam12

Accession ID NP_031426.2

Blocking Peptide EBP11060

Immunogen Peptide with sequence KKTTMEKLRCVHP, from the internal region of the protein sequence according to NP_031426.2.

Product Comments This antibody is expected to recognize both reported isoforms (NP_003465.3; NP_067673.2).

Peptide Sequence KKTTMEKLRCVHP

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, Rat, Pig

Human Gene ID 8038

Mouse Gene ID 11489

Rat Gene ID 679837

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 1:4000.

Western Blot Preliminary experiments gave an approx 37kDa band in Mouse and Rat Skeletal Muscle lysates after 1µg/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 98.5kDa according to NP_031426.2. The 37kDa 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](#)