ANGIO-PROTEOMIE
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DATA SHEET

Goat anti-PMSCL1 Antibody

Item Number

dAP-1618

Target Molecule

Principle Name: PMSCL1; Official Symbol: EXOSC9; All Names and Symbols: EXOSC9; exosome component 9; PM/Scl-75; PMSCL1; RRP45; Rrp45p; p5; p6; P75 polymyositis-scleroderma overlap syndrome associated autoantigen; PMSCL autoantigen, 75kD; autoantigen PM/Scl 1; polymyositis/scleroderma autoantigen 1 (75kD); polymyositis/sclerod; Accession Number (s): NP_001029366.1; NP_005024.2; Human Gene ID(s): 5393; Non-Human GeneID(s):

Immunogen

RTQTTSAKQEKAP , is from C Terminus
This antibody is expected to recognize both reported isoforms (NP_001029366.1; NP_005024.2).

Applications

Pep ELISA, WB

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; Reconsititute 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

Western Blot: Approx. 75kDa band observed in lysates of cell line Jurkat (calculated MW of 50.8kDa according to NP_001029366.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Alderuccio, J Exp Med.

IHC

Reference

Reference(s): Schilders G, Raijmakers R, Malmegrim KC, Vande Walle L, Saelens X, Vree Egberts W, van Venrooij WJ, Vandenabeele P, Pruijn GJ. Caspase-mediated cleavage of the exosome subunit PM/Scl-75 during apoptosis. Arthritis Res Ther. 2007;9(1):R12..PMID: 17280603->

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

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