



Exosome Component 9 Antibody

Cat. No.: 46-967



Ψ Specifications

HOST SPECIES:	Goat
SPECIES REACTIVITY:	Human
IMMUNOGEN:	The immunogen for this antibody is: C-RTQTTS AKQEKAP
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	Peptide ELISA: antibody detection limit dilution 1:64000. 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. 1991 Apr 1;173(4):941-52; PMID: 2007859). Recommended concentration: 0.3-1ug/ml.
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_001029366.1; NP_005024.2).
POSITIVE CONTROL:	1) Cat. No. 1205 - Jurkat Cell Lysate

Ψ Properties

PURIFICATION:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

PHYSICAL STATE:	Liquid
BUFFER:	Supplied at 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.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20 °C. Minimize freezing and thawing.

Additional Info

OFFICIAL SYMBOL:	EXOSC9
ALTERNATE NAMES:	EXOSC9, exosome component 9, PM/ScI-75, PMSCL1, RRP45, Rrp45p, p5, p6, P75 polymyositis-scleroderma overlap syndrome associated autoantigen, PMSCL autoantigen, 75kD, autoantigen PM/ScI 1, polymyositis/scleroderma autoantigen 1 (75kD), polymyositis/scleroderma autoantigen 1, 75kDa
ACCESSION NO.:	NP_001029366.1, NP_005024.2
PROTEIN GI NO.:	77812672
GENE ID:	5393

Background and References

REFERENCES:	1) 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/ScI-75 during apoptosis. <i>Arthritis Res Ther.</i> 2007;9(1):R12.
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