

Goat anti-MECL1 Antibody

Item Number	dAP-1817
Target Molecule	Principle Name: MECL1; Official Symbol: PSMB10; All Names and Symbols: PSMB10; proteasome (prosome, macropain) subunit, beta type, 10; LMP10; MECL1; MGC1665; beta2i; macropain subunit MECL-1; multicatalytic endopeptidase complex subunit MECL-1; proteasome MECL-1; proteasome beta 10 subunit; proteasome catalytic subunit 2i; p; Accession Number (s): NP_002792.1; Human Gene ID(s): 5699; Non-Human GeneID(s): 19171 (mouse) 291983 (rat)
Immunogen	PTEPVKRSGRYH, is from internal region
Applications	Pep ELISA, WB, 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 8000.
Western Blot	Western Blot: Approx 26kDa band observed in Human, Liver, Lung and Lymph Node lysates (calculated MW of 28.9kDa according to NP_002792.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Tonsil shows defined staining in a subset of cells. Recommended concentration, 5-10µg/ml.
Reference	Reference(s): Moschonas A, Kouraki M, Knox PG, Thymiakou E, Kardassis D, Eliopoulos AG. CD40 induces antigen transporter and immunoproteasome gene expression in carcinomas via the coordinated action of NF-κappaB and of NF-κappaB-mediated de novo synthesis of IRF-1. Molecular and Cellular Biology

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 end users! This product is sold for **Research Use Only**