

Goat anti-IL-15 (aa70-82) Antibody

Item Number	dAP-2792
Target Molecule	Principle Name: IL-15 (aa70-82); Official Symbol: IL15; All Names and Symbols: IL15; interleukin 15; IL-15; MGC9721; OTTHUMP00000164616; OTTHUMP00000164617; OTTHUMP00000218093; OTTHUMP00000228804; OTTHUMP00000228805; interleukin-15; Accession Number (s): NP_000576.1; NP_751915.1; Human Gene ID(s): 3600; Non-Human GeneID(s):
Immunogen	DATLYTESDVHPS, is from internal region This antibody is expected to recognize both reported isoforms (NP_000576.1; NP_751915.1).
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; 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 128000.
Western Blot	Western Blot: Approx 23kDa band observed in Human Bone Marrow lysates (calculated MW of 18.1kDa according to NP_000576.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Schneider R, Mohebiany AN, Ifergan I, Beauseigle D, Duquette P, Prat A, Arbour N. B cell-derived IL-15 enhances CD8 T cell cytotoxicity and is increased in multiple sclerosis patients. J Immunol. 2011 Oct 15;187(8):4119-28..PMID: 21911607->

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**