

Goat anti-Munc13-4 / UNC13D (Internal) Antibody

Item Number	dAP-0918
Target Molecule	Principle Name: Munc13-4 / UNC13D (Internal); Official Symbol: UNC13D; All Names and Symbols: UNC13D; Munc13-4; unc-13 homolog D (C. elegans) ; FHL3; HLH3; HPLH3; unc-13 homolog D; Accession Number (s): NP_954712.1; Human Gene ID(s): 201294; Non-Human GeneID(s): 70450 (mouse) 192177 (rat)
Immunogen	ETQKHKKDLHPLFD, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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. 105kDa band observed in Human T-lymphocyte and HeLa lysates (calculated MW of 123kDa according to NP_954712.1). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Thymus shows cytoplasm staining in select areas. Recommended concentration, 2.5µg/ml. In paraffin embedded Mouse Lung shows staining of the respiratory epithelium in wildtype but not in the
Reference	Reference(s): Zur Stadt U, Beutel K, Kolberg S, Schneppenheim R, Kabisch H, Janka G, Hennies HC. Mutation spectrum in children with primary hemophagocytic lymphohistiocytosis: molecular and functional analyses of PRF1, UNC13D, STX11, and RAB27A. Hum Mutat. 2006 Jan;27(1):62-8. .PMID: 16278825 ->

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**