

Goat anti-IL33 (aa165-178) Antibody

Item Number	dAP-2835
Target Molecule	Principle Name: IL33 (aa165-178); Official Symbol: IL33; All Names and Symbols: IL33; interleukin 33; C9orf26; DVS27; IL1F11; NF-HEV; NFEHEV; RP11-575C20.2; DVS27-related protein; IL-1F11; IL-33; interleukin-1 family member 11; interleukin-33; nuclear factor for high endothelial venules; nuclear factor from high endothelial venules; Accession Number (s): NP_254274.1; NP_001186569.1; NP_001186570.1; Human Gene ID(s): 90865; Non-Human GeneID(s):
Immunogen	ESQHPSNESGDGVD, is from internal region This antibody is expected to recognize all reported isoforms (NP_254274.1; NP_001186569.1; NP_001186570.1).
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 4000.
Western Blot	Western Blot: Approx 30kDa band observed in lysates of cell line Jurkat (calculated MW of 30.7kDa according to NP_254274.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Granne I, Southcombe JH, Snider JV, Tannetta DS, Child T, Redman CW, Sargent IL. ST2 and IL-33 in pregnancy and pre-eclampsia. PLoS One. 2011;6(9):e24463..PMID: 21949719->

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**