

Goat anti-IL-1 beta Antibody

Item Number	dAP-3168
Target Molecule	Principle Name: IL-1 beta; Official Symbol: IL1B; All Names and Symbols: IL1B; interleukin 1, beta; IL-1; IL1-BETA; IL1F2; IL-1 beta; catabolin; interleukin-1 beta; preinterleukin 1 beta; pro-interleukin-1-beta; Accession Number (s): NP_000567.1; Human Gene ID(s): 3553; Non-Human GeneID(s):
Immunogen	QLESVDPKNYPKK, is from internal region
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 30kDa band observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 30.7kDa according to NP_000567.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Cai S, Batra S, Wakamatsu N, Pacher P, Jeyaseelan S. NLRC4 inflammasome-mediated production of IL-1 β modulates mucosal immunity in the lung against gram-negative bacterial infection. Journal of immunology (Baltimore, Md. : 1950) 2012 Jun 188 (11): 5623-35..PMID: 22547706->

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**