

Goat anti-IL6R / CD126 (isoform 1) Antibody

Item Number	dAP-0800
Target Molecule	Principle Name: IL6R / CD126 (isoform 1); Official Symbol: IL6R; All Names and Symbols: IL6R; interleukin 6 receptor ; HGNC:6019; CD126; IL-6R-1; IL-6R-alpha; IL6RA; MGC104991 ; CD126 antigen; interleukin 6 receptor alpha subunit; Accession Number (s): NP_000556.1; Human Gene ID(s): 3570; Non-Human GeneID(s):
Immunogen	DNTSSHNRPDARD, is from internal region This antibody is expected to recognise isoform 1 only (NP_000556.1)
Applications	Pep ELISA Species Tested:
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: Preliminary experiments gave an approx 26-28kDa band in Human Bone Marrow and Tonsil lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calcul
IHC	
Reference	Reference(s): Moran DM, Mayes N, Koniaris LG, Cahill PA, McKillop IH. Interleukin-6 inhibits cell proliferation in a rat model of hepatocellular carcinoma. Liver Int. 2005 Apr;25(2):445-57. .PMID: 15780071 ->

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**