

Goat anti-Il6ra (mouse) Antibody

Item Number	dAP-2991
Target Molecule	Principle Name: Il6ra (mouse); Official Symbol: Il6ra; All Names and Symbols: Il6ra; interleukin 6 receptor, alpha; CD126; IL-6R; Il6r; MGC30256; IL-6 receptor alpha chain; IL-6 receptor subunit alpha; IL-6R 1; IL-6R subunit alpha; IL-6R-alpha; IL-6R; Accession Number (s): NP_034689.2; Human Gene ID(s): ; Non-Human GeneID(s): 16194 (mouse) 24499 (rat)
Immunogen	YLLQFQLRYRPVWSK, is from internal region This antibody is expected to recognize all reported isoforms (NP_000556.1; NP_852004.1). The sequence of the immunizing peptide corresponds with a part of the extracellular domain.
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 2000.
Western Blot	Western Blot: Preliminary experiments in Mouse Spleen and Thymus lysates and in lysates of cell lines NIH3T3 and NSO gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the
IHC	
Reference	Reference(s): Boulanger MJ, Chow DC, Brevnova EE, Garcia KC. Hexameric structure and assembly of the interleukin-6/IL-6 alpha-receptor/gp130 complex. Science. 2003 Jun 27;300(5628):2101-4. Erratum in: Science. 2003 Aug 15;301(5635):918..PMID: 12829785->

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**