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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11140 - Goat Anti-IL6ra (mouse) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: CD126, IL-6 receptor alpha chain, IL-6 receptor subunit alpha, IL6r, IL-6R, IL-6R, IL-6R 1, IL-6R subunit alpha, IL-6R-alpha, interleukin 6 receptor, alpha, MGC30256, IL6ra

Official Symbol: IL6ra

Accession Number(s): NP_034689.2

Non-Human GeneID(s): 16194 (mouse), 24499 (rat)

Important Comments: 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.

Immunogen

Peptide with sequence C-YLLQFQLRYPVWSK, from the internal region of the protein sequence according to NP_034689.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

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 field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Mouse, Rat