

## UK Office

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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