



## IL6 Receptor Antibody

CATALOG NUMBER: 45-768

### Specifications

#### SPECIES REACTIVITY:

**TESTED APPLICATIONS:** ELISA

**APPLICATIONS:** ELISA: antibody detection limit dilution 1:8000. Western Blot: Preliminary experiments gave an approx 26-28kDa band in Human Bone Marrow and Tonsil lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calcul

**SPECIFICITY:** This antibody is expected to recognise isoform 1 only (NP\_000556.1)

**IMMUNOGEN:** IL6 Receptor antibody was raised against a 13 amino acid synthetic peptide near the internal region of IL6 Receptor.

**HOST SPECIES:** Goat

### Properties

**PURIFICATION:** IL6 Receptor antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** IL6 Receptor antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 ug/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

### Additional Info

**ALTERNATE NAMES:** IL6R, interleukin 6 receptor, HGNC:6019, CD126, IL-6R-1, IL-6R-alpha, IL6RA, MGC104991, CD126 antigen, interleukin 6 receptor alpha subunit, IL6Q, gp80, IL6RQ, IL-6RA

**ACCESSION NO.:** NP\_000556.1

**PROTEIN GI NO.:** 4504673

**OFFICIAL SYMBOL:** IL6R

**GENE ID:** 3570

### Background

**REFERENCES:** 1) 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.

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