

## UK Office

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

## EB07862 - Goat Anti-IL12B / IL12p40 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IL12B, interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40), CLMF, CLMF2, IL-12B, NKSF, NKSF2, IL12, subunit p40, cytotoxic lymphocyte maturation factor 2, p40, interleukin 12, p40, interleukin 12B, interleukin-12 beta chain, natural killer cell stimulatory factor, 40 kD subunit, natural killer cell stimulatory factor-2

**Official Symbol:** IL12B

**Accession Number(s):** NP\_002178.2

**Human GeneID(s):** [3593](#)

### Immunogen

Peptide with sequence C-QGKSKREKKDRVFTD, from the internal region of the protein sequence according to NP\_002178.2.

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 1:128000.

**Western blot:** Approx 37kDa band observed in Human Liver, Skin and Tonsil lysates (calculated MW of 37.2kDa according to NP\_002178.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB07862 (0.3µg/ml) staining of Human Liver (A), Skin (B) and Tonsil (C) lysate (35µg protein in RIPA buffer).  
Detected by chemiluminescence.

EB07862 (4µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 9, HRP-staining. **This data is from a previous batch, not on sale.**