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

EB07863 - Goat Anti-IL12b / IL12p40 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IL12B, IL12p40, interleukin 12B, RP23-388G23.1, IL-12b, IL-12p40, p40, IL-12 p40, IL-23 subunit p40

Official Symbol: IL12b

Accession Number(s): NP_032378.1

Non-Human GeneID(s): 16160 (mouse), 64546 (rat)

Immunogen

Peptide with sequence C-EARQQNKYENYS, from the internal region of the protein sequence according to NP_032378.1.

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 1:16000.

Western blot: Approx 38kDa band observed in Mouse and Rat Skin lysates (calculated MW of 38.2kDa according to Mouse NP_032378.1 and 38.4kDa according to Rat NP_072133.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Mouse, Rat

Expected from sequence similarity: Mouse, Rat

Specific Reference

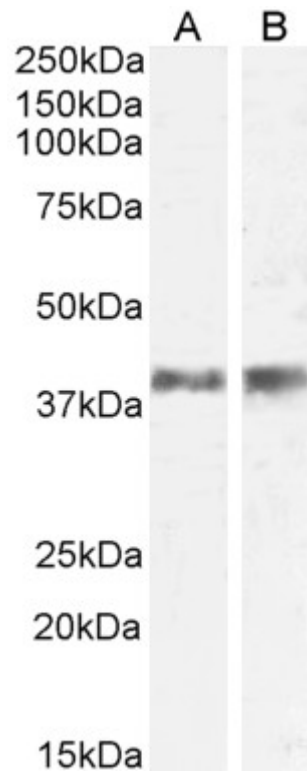
This antibody (previous batch) has been successfully used in WB and IHC in Rat:

Gui J, Xiong F, Yang W, Li J, Huang G.

Effects of acupuncture on LIF and IL-12 in rats of implantation failure.

Am J Reprod Immunol. 2012 May;67(5):383-90. doi: 10.1111/j.1600-0897.2011.01097.x.

PMID: 22229306



EB07863 (0.5 μ g/ml) staining of Mouse (A) and Rat (B) Skin lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.