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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: Il2b
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

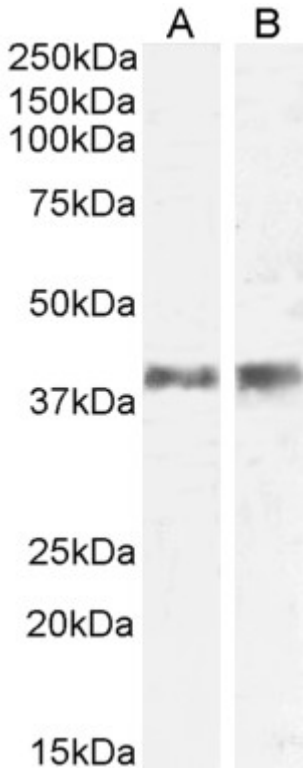
Peptide ELISA: antibody detection limit dilution 1:16000.
Western blot: Approx 38kDa band observed in Mouse and Rat Skin lysates (calculated MW of 38.2kDa according to Mouse NP_032378.1 and 38.4kDa according to Rat NP_072133.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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