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

EB10107 - Goat Anti-IL1R2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: antigen CDw121b, CD121b, IL1RB, interleukin 1 receptor, type II, MGC47725, type II interleukin-1 receptor, beta, IL1R2

Official Symbol: IL1R2

Accession Number(s): NP_004624.1; NP_001248348.1

Human GeneID(s): [7850](#)

Important Comments: This antibody is expected to cross-react with both reported isoforms (NP_004624.1; NP_001248348.1). Reported variants represent identical protein: NP_775465.1, NP_004624.1

Immunogen

Peptide with sequence C-QYNITRSIELRIKK, from the internal region of the protein sequence according to NP_004624.1; NP_001248348.1.

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 1:2000.

Western blot: Preliminary experiments gave an approx 38kDa band in Human Spleen lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 45.4kDa according to the precursor NP_004624.1 and 43.8kDa for the mature protein. The 38kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human