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Research Use Only. Not for diagnostic or therapeutic use.

EB12522 - Goat Anti-IL3RA / CD123 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IL3RA, interleukin 3 receptor, alpha (low affinity), CD123, IL3R, IL3RAY, IL3RX, IL3RY, hIL-3Ra, CD123 antigen, IL-3 receptor alpha SP2 isoform, IL-3 receptor subunit alpha, IL-3R subunit alpha, IL-3R-alpha, IL-3RA, interleukin-3 receptor subunit alpha

Official Symbol: IL3RA

Accession Number(s): NP_002174.1; NP_001254642.1

Human GeneID(s): 3563

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_002174.1; NP_001254642.1).

Immunogen

Peptide with sequence RQQYECLHYKTD, from the internal region of the protein sequence according to NP_002174.1; NP_001254642.1.

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 1:128000.

Western blot: Approx 43kDa band observed in lysates of cell lines Jurkat and Molt4 (calculated MW of 43.3kDa according to NP_002174.1). Recommended concentration:

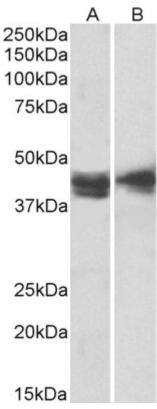
1-3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Colon. Recommended concentration: 5µg/ml.

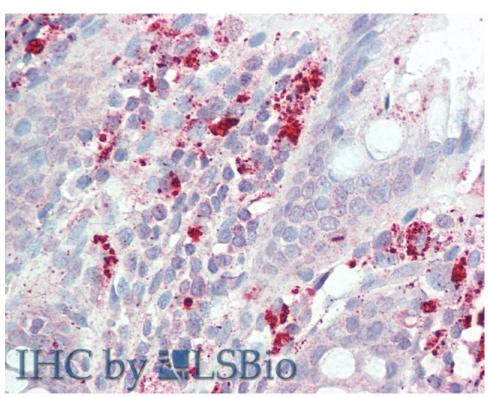
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12522 (2μg/ml) staining of Jurkat (A) and Molt4 (B) lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB12522 (5μg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.