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

EB05075 - Goat Anti-JAK2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: JAK2, Janus kinase 2 (a protein tyrosine kinase), tyrosine-protein kinase JAK2

Official Symbol: JAK2

Accession Number(s): AAC23653.1; NP_001309133.1; NP_001309127.1

Human GeneID(s): [3717](#)

Important Comments: On restricted sale due to demands of patent holder. Not for sale in USA, if you are outside the USA then please contact sales@everestbiotech.com to see if we can sell into your territory. The peptide sequence used (from AAC23653.1) differs by one residue from the RefSeq entry (NP_004963.1) It is expected to recognize both sequences.

Immunogen

Peptide with sequence C-RVDQVRDNMAG, from the C Terminus of the protein sequence according to AAC23653.1; NP_001309133.1; NP_001309127.1.

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 1:32000.

Enzyme immunoassay: This antibody has been confirmed in ELISA-type platforms by assay developers.

Flow Cytometry: Flow cytometric analysis of K562 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB05075 Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0.4ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.