



## International Office

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

## EB05216 - Goat Anti-JAK3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** JAK3, Janus kinase 3 (a protein tyrosine kinase, leukocyte), JAKL, LJAK, L-JAK

**Official Symbol:** JAK3

**Accession Number(s):** NP\_000206

**Human GeneID(s):** [3718](#)

### Immunogen

Peptide with sequence C-AHPEGKHHSLSFS, from the C Terminus of the protein sequence according to NP\_000206.

### 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

**Western blot:** Western blot: Approx 115kDa and 40kDa bands seen in MOLT-4 cell lysates. Recommended for use at 1-3µg/ml. Overnight incubation is recommended with this antibody.

Please note that, although JAK3 is predicted to be approx 124kDa, Malabarba et al [J Biol Chem 1995 Apr 21;270(16):9630-7] observed it running at 116kDa. We do not know the identity of the approx 40kDa band we observe.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human