

UK Office

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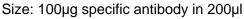
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EB11393 - Goat Anti-STAT5A (aa681-692) Antibody



Target Protein

Principal Names: MGF, signal transducer and activator of transcription 5A, STAT5, STAT5A Official Symbol: STAT5A Accession Number(s): NP_003143.2 Human GenelD(s): 6776 Non-Human GenelD(s): 20850 (mouse), 24918 (rat) Important Comments: This antibody is not expected to cross-react with STAT5B.

Immunogen

Peptide with sequence C-KYYTPVLAKAVD, from the internal region of the protein sequence according to NP_003143.2.

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 1:8000. **Western blot:** Approx 100kDa band observed in lysates of cell line K562 (calculated MW of 90.6kDa according to NP_003143.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB11393 (0.1µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.