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

EB05073 - Goat Anti-STAT3 (isoform 1 and 2) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: STAT3, signal transducer and activator of transcription 3 (acute-phase response factor), APRF, DNA-binding protein APRF, acute-phase response factor, FLJ20882, MGC16063, HIES

Official Symbol: STAT3

Accession Number(s): NP_003141.2; NP_644805.1

Human GeneID(s): [6774](#)

Non-Human GeneID(s): 20848 (mouse), 25125 (rat)

Important Comments: This antibody is expected to recognise isoforms 1 and 2 (as represented by NP_644805.1 and NP_003141.2 respectively)

Immunogen

Peptide with sequence DMELTSECATSPM, from the C Terminus of the protein sequence according to NP_003141.2; NP_644805.1.

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 1:8000.

IHC: In paraffin embedded Mouse Thymus shows preferential staining of the Medulla over the Cortex. Recommended concentration: 4-8µg/ml.

Species Reactivity

Tested: Mouse

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

EB05073 (4µg/ml) staining of paraffin embedded Mouse Thymus. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.