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

EB05368 - Goat Anti-MST4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RP6-213H19.1, serine/threonine protein kinase MST4, MASK, MST4, Mst3 and SOK1-related kinase, STE20-like kinase MST4, mammalian Ste20-like protein kinase 4, mammalian sterile 20-like 4, serine/threonine protein kinase MASK

Official Symbol: RP6-213H19.1

Accession Number(s): NP_057626.2; NP_001035918.1; NP_001035917.1

Important Comments: This antibody is expected to recognize all three reported isoforms (NP_057626.2, NP_001035918.1 and NP_001035917.1).

Immunogen

Peptide with sequence KLIEKFQKCSADESP, from the C Terminus of the protein sequence according to NP_057626.2; NP_001035918.1; NP_001035917.1.

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.

Western blot: Approx 50kDa band observed in lysates of Jurkat cell lines (calculated MW of 46.5kDa according to NP_057626.2). Recommended concentration: 0.5-1.5µg/ml.

IHC: Paraffin embedded Human Thymus. Recommended concentration: 2.5µg/ml.

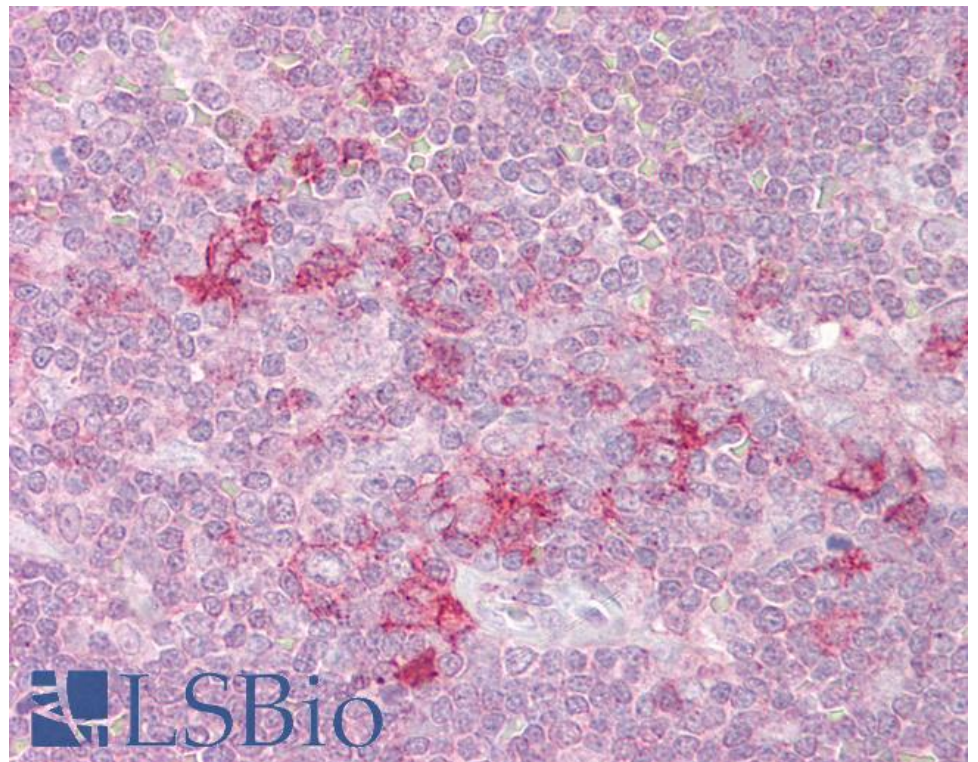
Species Reactivity

Tested: Human

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



EB05368 staining (0.5µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB05368 (2.5µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.