

## Goat anti-MST4 Antibody

**Item Number** dAP-0062

<b>Target Molecule</b>	Principle Name: MST4; Official Symbol: RP6-213H19.1; All Names and Symbols: 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; Accession Number (s): NP_057626.2; NP_001035918.1; NP_001035917.1; Human Gene ID(s): ; Non-Human GeneID(s):
<b>Immunogen</b>	KLIEKFQKCSADESP, is from C Terminus This antibody is expected to recognize all three reported isoforms (NP_057626.2, NP_001035918.1 and NP_001035917.1).
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 2.5µg/ml.
<b>Reference</b>	Reference(s): Dan I, Ong SE, Watanabe NM, Blagoev B, Nielsen MM, Kajikawa E, Kristiansen TZ, Mann M, Pandey A. Cloning of MASK, a novel member of the mammalian germinal center kinase III subfamily, with apoptosis-inducing properties. J Biol Chem. 2002 Feb 22;277(8):5929-39.. PMID: 11741893->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**