

## Mouse Monoclonal Antibody to STYK1

**Catalogue Number** sAP-0140

**Target Molecule** **Name:** STYK1

**Aliases:** NOK; SuRTK106; DKFZp761P1010

**MW:** N/A

**Entrez Gene ID: 55359**

**Description** Protein kinases (PKs) represent a well studied but most diverse protein superfamily. The covalent, reversible linkage of phosphate to serine, threonine, and tyrosine residues of substrate proteins by protein kinases is probably ubiquitous cellular mechanism for regulation of physiological processes. It is known to us that most signaling pathways impinge at some point on protein kinases. Here we report a human putative receptor protein kinase cDNA STYK1. The STYK1 cDNA is 2749 base pairs in length and contains an open reading frame encoding 422 amino acids. The STYK1 gene is mapped to human chromosome 12p13 and 11 exons were found. RT-PCR showed that STYK1 is widely expressed in human tissues.

**Immunogen** Purified recombinant fragment of STYK1 expressed in E. Coli. ;

**Reactive Species** Human

**Clone** MM2H2F10;

**Size and Concentration** 100µg/1mg/ml

**Supplied as** Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

**Reconstitution/Storages** Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1. Liu L, Yu XZ and Li TS, et al. Mol Biol Rep. 2003, Jun, 30(2):91-6. ; 2. Moriai R. , Kobayashi D.and Amachika T. , et al. Mol Biol Rep. 2007, Apr, 6. ;

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**