



Recombinant

DGRmAb®

Serine/threonine-protein kinase 4 (DGR11575) Rabbit mAb

db13210 Package: 10µL 20µL 50µL 100µL

Product Name: Serine/threonine-protein kinase 4 (DGR11575) Rabbit mAb

Cat.No.: db13210

Synonyms: KRS2; MST1; YSK3

Application: WB, IHC-P, ICC/IF, FC, IP

Reactivity: Human, Mouse, Rat

Host species: Rabbit

Background The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast

Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase

cascade. The encoded protein can phosphorylate myelin basic protein and undergoes

autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein

has been correlated with apoptosis, and it's possible that this protein induces the chromatin

condensation observed in this process. [provided by RefSeq, Jul 2008]

Immunogen A synthetic peptide of human Serine/threonine-protein kinase 4

Gene ID 6789

Swiss Prot Q13043

Synonyms KRS2; MST1; YSK3

Reactivity Human, Mouse, Rat

Application WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000-1:5000

> IHC-P: 1:50-1:200 ICC/IF: 1:100-1:200

FC: 1:20-1:50 IP: 1:20-1:100

Calculated MW 56 kDa

Observed MW 56 kDa

Host species Rabbit

Clonality Monoclonal





Clonality No. DGR11575

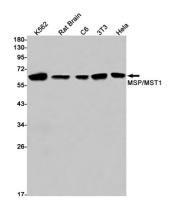
Isotype IgG

Purity Affinity Purification

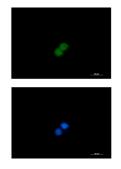
Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of MSP/MST1 in K562,Rat Brain,C6,3T3,Hela cell lysates using MSP/MST1 antibody(1:1000 diluted).



Immunofluorescent analysis of K562 cells using db13210 antibody (green), and DAPI (blue).