RecomAb™

STK3 recombinant monoclonal antibody, clone R04-8D3

Catalog # RAB01889 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human STK3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human STK3.
Theoretical MW (kDa)	Calculated MW: 56 kD
Reactivity	Hamster, Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunoprecipitation

Gene Info — STK3

Entrez GeneID	6788
Protein Accession#	Q13188
Gene Name	STK3
Gene Alias	FLJ90748, KRS1, MST2
Gene Description	serine/threonine kinase 3 (STE20 homolog, yeast)
Omim ID	605030
Gene Ontology	Hyperlink
Gene Summary	Protein kinase activation is a frequent response of cells to treatment with growth factors, chemicals, heat shock, or apoptosis-inducing agents. This protein kinase activation presumably allows cells to resist unfavorable environmental conditions. The yeast 'sterile 20' (Ste20) kinase acts upstream of the mitogen-activated protein kinase (MAPK) cascade that is activated under a variety of stress conditions. MST2 was identified as a kinase that is activated by the proapoptotic agents staurosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 2001 [PubMed 11278283]).[supplied by OMIM
Other Designations	serine/threonine kinase 3 (Ste20, yeast homolog)

Pathway

- MAPK signaling pathway