



MLK4 Monoclonal Antibody

Catalog No	YP-mAb-03963
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MLK4
Immunogen	The antiserum was produced against synthesized peptide derived from human MAP3KL4. AA range:631-680
Specificity	MLK4 Monoclonal Antibody detects endogenous levels of MLK4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA1804;mixed lineage kinase 4;MLK4;RP5 862P8.2;Mitogen-activated protein kinase kinase kinase MLK4
Observed Band	110kD
Calculated Molecular Weight	110kD
Cell Pathway	intracellular,
Tissue Specificity	Brain,Heart,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium.,enzyme regulation:Homodimerization via the leucine zipper domains is required for autophosphorylation and subsequent activation., function:Activates the JUN N-terminal pathway.,PTM:Autophosphorylation on serine and threonine residues within the activation loop plays a role in enzyme activation.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH3 domain.,subunit:Homodimer.,



Background

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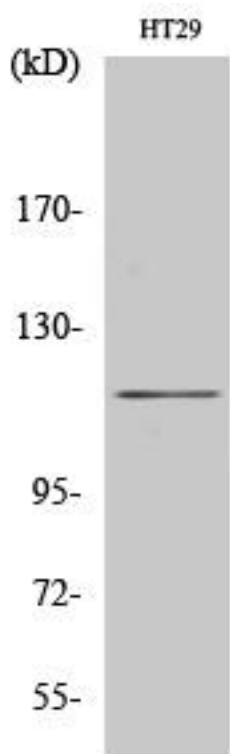
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using MLK4 Monoclonal Antibody