



HPK1 Monoclonal Antibody

Catalog No	YP-mAb-14775
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MAP4K1
Immunogen	The antiserum was produced against synthesized peptide derived from human MEKKK 1. AA range:371-420
Specificity	HPK1 Monoclonal Antibody detects endogenous levels of HPK1 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	EC:2.7.11.1;HPK1;MEK kinase kinase 1;MEKKK 1;Mitogen-activated protein kinase kinase kinase kinase 1;MAP4K1;Hematopoietic progenitor kinase;MAPK/ERK kinase kinase kinase 1
Observed Band	91kD
Calculated Molecular Weight	91kD
Cell Pathway	intracellular,cytoplasm,membrane,
Tissue Specificity	Expressed primarily in hematopoietic organs, including bone marrow, spleen and thymus. Also expressed at very low levels in lung, kidney, mammary glands and small intestine.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium.,function:May play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. May play a role in hematopoietic lineage decisions and growth regulation.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 CNH domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with MAP3K1.,tissue specificity:Expressed primarily in hematopoietic organs, including bone marrow, spleen and thymus.



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Background

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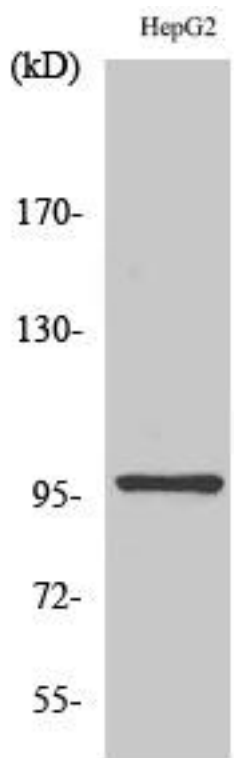
matters needing attention

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 HPK1 Monoclonal Antibody