



MKP-7 Monoclonal Antibody

Catalog No	YP-mAb-14852
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	DUSP16
Protein Name	Dual specificity protein phosphatase 16
Immunogen	The antiserum was produced against synthesized peptide derived from human DUSP16. AA range:571-620
Specificity	MKP-7 Monoclonal Antibody detects endogenous levels of MKP-7 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	DUSP16; KIAA1700; MKP7; Dual specificity protein phosphatase 16; Mitogen-activated protein kinase phosphatase 7; MAP kinase phosphatase 7; MKP-7
Observed Band	73kD
Cell Pathway	Cytoplasm. Nucleus. Cytoplasmic vesicle. After dissociation upon AGTR stimulation, re-associates with ARRB2 on endocytic vesicles.
Tissue Specificity	Bone marrow,Brain,Duodenum,PCR rescued clones,
Function	catalytic activity:A phosphoprotein + H(2)O = a protein + phosphate.,catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,function:Involved in the inactivation of MAP kinases.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.,similarity:Contains 1 rhodanese domain.,similarity:Contains 1 tyrosine-protein phosphatase domain.,
Background	dual specificity phosphatase 16(DUSP16) Homo sapiens This gene encodes a mitogen-activated protein kinase phosphatase that is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. The encoded protein specifically regulates the c-Jun amino-terminal kinase (JNK) and extracellular signal-regulated kinase (ERK)



pathways.[provided by RefSeq, May 2010],

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

