



MAST205 Monoclonal Antibody

Catalog No	YP-mAb-14827
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	MAST2
Protein Name	Microtubule-associated serine/threonine-protein kinase 2
Immunogen	The antiserum was produced against synthesized peptide derived from human MAST2. AA range:1201-1250
Specificity	MAST205 Monoclonal Antibody detects endogenous levels of MAST205 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	MAST2; KIAA0807; MAST205; Microtubule-associated serine/threonine-protein kinase 2
Observed Band	196kD
Cell Pathway	Cytoplasm, cytoskeleton . Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Recruited to the sub-membranous area on interaction with CDHR2.
Tissue Specificity	Abundant in the testis.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins. Phosphorylation of DMD or UTRN may modulate their affinities for associated proteins. Functions in a multi-protein complex in spermatid maturation. Regulates lipopolysaccharide-induced IL-12 synthesis in macrophages by forming a complex with TRAF6, resulting in the inhibition of TRAF6 NF-kappa-B activation.,PTM:Phosphorylated and ubiquitinated. N-terminal ubiquitination leads to degradation of MAST2 by proteasome-mediated proteolysis. N-terminal phosphorylation appears to be a prerequisite for ubiquitination.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contain



Background

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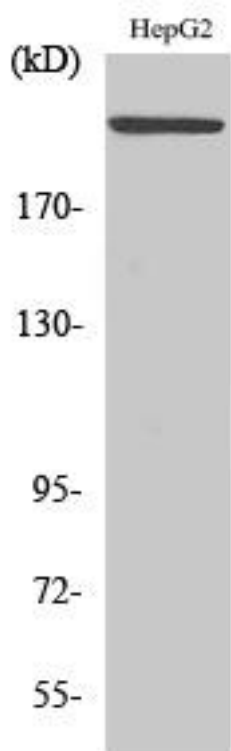
matters needing attention

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 MAST205 Monoclonal Antibody