



MAST4 Monoclonal Antibody

Catalog No	YP-mAb-14829
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MAST4
Immunogen	The antiserum was produced against synthesized peptide derived from human MAST4. AA range:251-300
Specificity	MAST4 Monoclonal Antibody detects endogenous levels of MAST4 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	MAST4;MAST4_HUMAN;Microtubule associated serine/threonine protein kinase member 4;Microtubule-associated serine/threonine-protein kinase 4;KIAA0303
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Highly expressed in most normal human tissues, with an exception of in testis, small intestine, colon and peripheral blood leukocyte.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,cofactor:Magnesium.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,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:Contains 1 protein kinase domain.,tissue specificity:Highly expressed in most normal human tissues, with an exception of in testis, small intestine, colon and peripheral blood leukocyte.,



Background

This gene encodes a member of the microtubule-associated serine/threonine protein kinases. The proteins in this family contain a domain that gives the kinase the ability to determine its own scaffold to control the effects of their kinase activities. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014],

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

