



MAST4 Polyclonal Antibody

Catalog No	BYab-14829
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	MAST4
Protein Name	Microtubule-associated serine/threonine-protein kinase 4
Immunogen	The antiserum was produced against synthesized peptide derived from human MAST4. AA range:251-300
Specificity	MAST4 Polyclonal Antibody detects endogenous levels of MAST4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MAST4; KIAA0303; Microtubule-associated serine/threonine-protein kinase 4
Observed Band	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.,

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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],

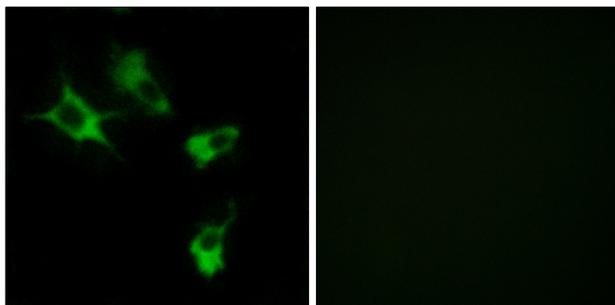
matters needing attention

Avoid repeated freezing and thawing!

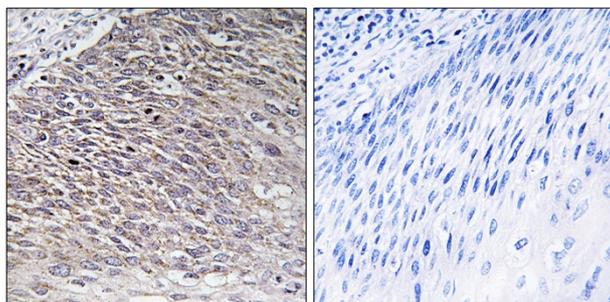
Usage suggestions

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

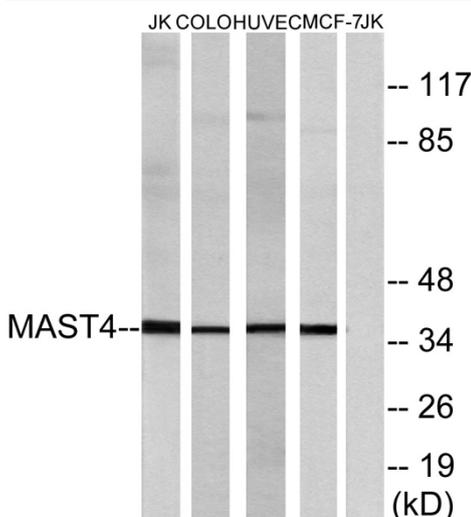
Products Images



Immunofluorescence analysis of COS7 cells, using MAST4 Antibody. The picture on the right is blocked with the synthesized peptide.

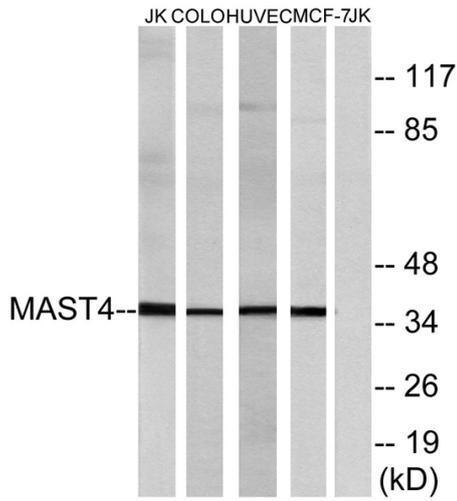


Immunohistochemistry analysis of paraffin-embedded human testis tissue, using MAST4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat, COLO, HUVEC, and MCF-7 cells, using MAST4 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HT-29 cells using MAST4 antibody.

