



MK Monoclonal Antibody

Catalog No	YP-mAb-15998
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	MDK
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human MDK. AA range:94-143
Specificity	MK Monoclonal Antibody detects endogenous levels of MK 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. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.7.1.36;LRBP;Mevalonate kinase;MK;MVLK;MDK;Midkine;MK1;NEGF2; Amphiregulin-associated protein;ARAP;Midgestation and kidney protein;Neurite outgrowth-promoting factor 2;Neurite outgrowth-promoting protein
Observed Band	18kD
Calculated Molecular Weight	18kD
Cell Pathway	Secreted.
Tissue Specificity	Expressed in various tumor cell lines. In insulinoma tissue predominantly expressed in precancerous lesions.
Function	function:Has heparin binding activity, and growth promoting activity. Involved in neointima formation after arterial injury, possibly by mediating leukocyte recruitment. Also involved in early fetal adrenal gland development.,induction:By heparin and retinoic acid.,similarity:Belongs to the pleiotrophin family., subunit:Homodimer.,
Background	This gene encodes a member of a small family of secreted growth factors that binds heparin and responds to retinoic acid. The encoded protein promotes cell growth, migration, and angiogenesis, in particular during tumorigenesis. This



gene has been targeted as a therapeutic for a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012],

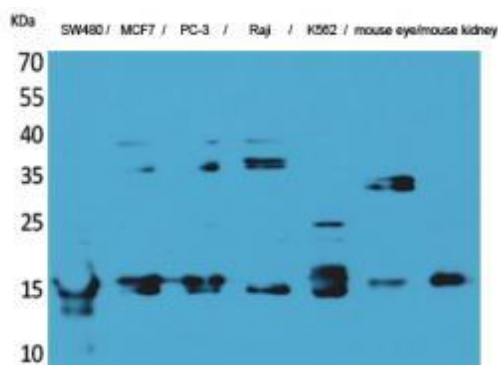
matters needing attention

Avoid repeated freezing and thawing!

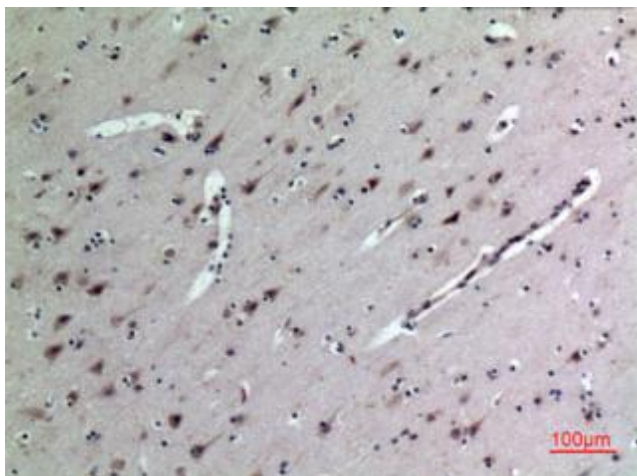
Usage suggestions

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

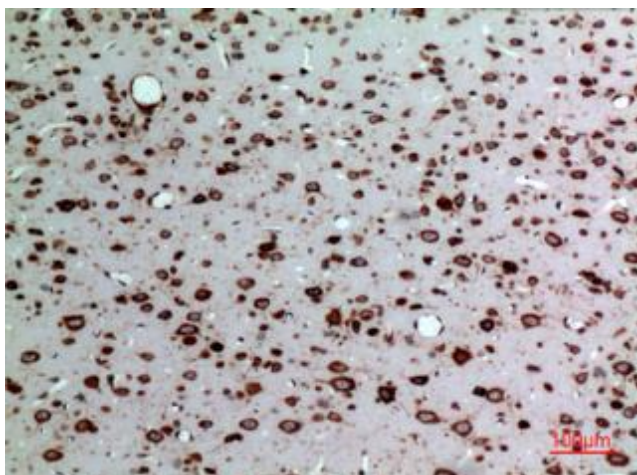
Products Images



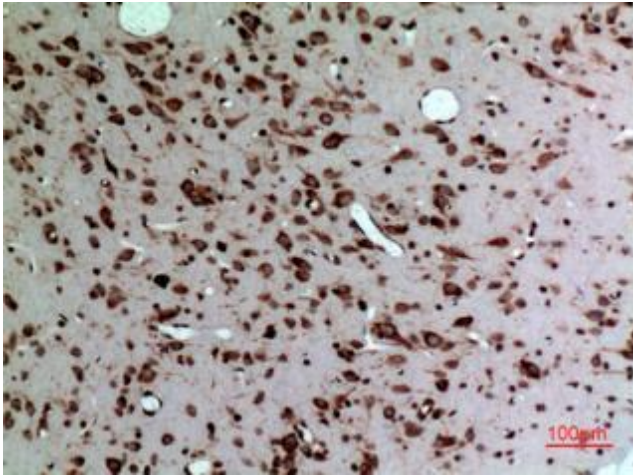
Western Blot analysis of SW480, MCF7, PC-3, Raji, K562, mouse eye, mouse kidney cells using MK Monoclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



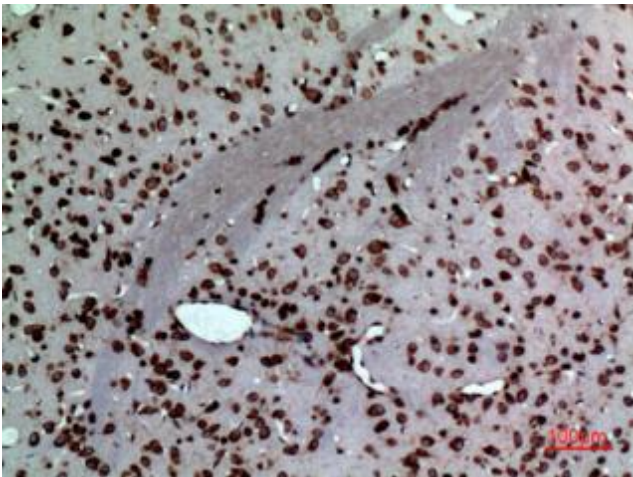
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100