

M-CK Antibody

Catalog No: #33654

Package Size: #33654-1 50ul #33654-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	M-CK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total M-CK protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human M-CK.
Target Name	M-CK
Other Names	CKM; CKMM.; EC 2.7.3.2; KCRM; creatine kinase
Accession No.	Swiss-Prot: P06732NCBI Gene ID: 1158
Uniprot	P06732
GeneID	1158;
SDS-PAGE MW	43kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

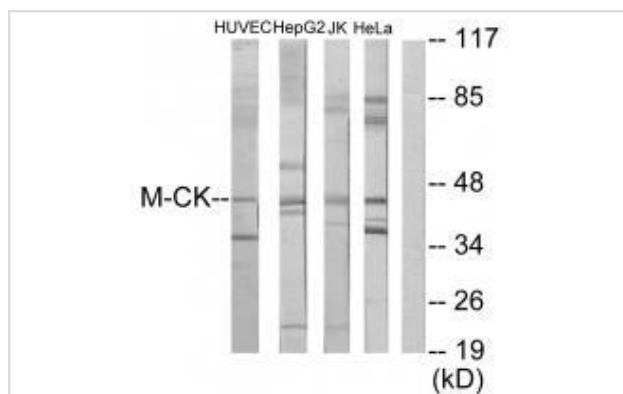
Application Details

Western blotting: 1:500~1:3000

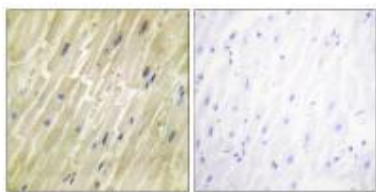
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

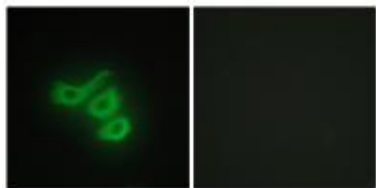
Images



Western blot analysis of extracts from HUVEC cells, HepG2 cells, Jurkat cells and HeLa cells, using M-CK antibody #33654.



Immunohistochemistry analysis of paraffin-embedded human heart tissue using M-CK antibody #33654.



Immunofluorescence analysis of HepG2 cells, using M-CK antibody #33654.

Background

Reversibly catalyzes the transfer of phosphate between ATP and various phosphagens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.

Grimwood J., Nature 428:529-535(2004).

Hamburg R.J., J. Biol. Chem. 265:6403-6409(1990).

Tang L., Acta Crystallogr. D 55:669-670(1999).

Note: This product is for in vitro research use only