

MRCKalpha antibody

Catalog No: #22420

Package Size: #22420 100ul

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

Description

Product Name	MRCKalpha antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity purified by Protein A.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 373 and 574 of Human CDC42BPA
Conjugates	Unconjugated
Target Name	MRCKalpha
Accession No.	Swiss-Prot:Q5VT25Gene ID:8476
Concentration	2mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

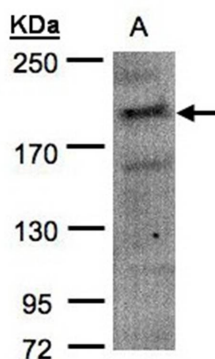
Predicted MW: 186kd

Western blotting: 1:500-1:3000

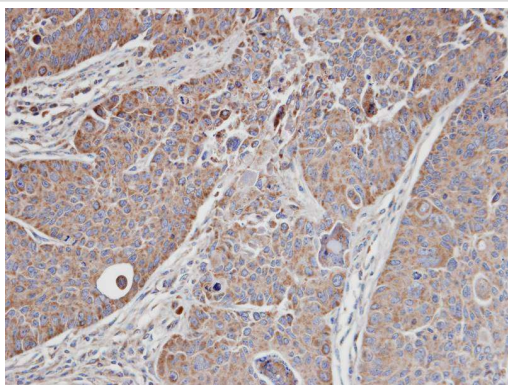
Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

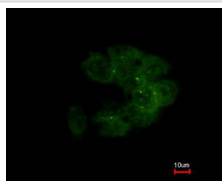
Images



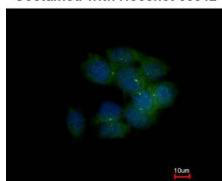
Sample(30 ug of whole cell lysate)
A: H1299
7.5% SDS PAGE
Primary antibody diluted at 1: 1500



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using MRCK alpha antibody at 1: 100 dilution.



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed HCT116, using MRCK alpha antibody at 1: 500 dilution.

Background

The protein encoded by this gene is a member of the Serine/Threonine protein kinase family. This kinase contains multiple functional domains. Its kinase domain is highly similar to that of the myotonic dystrophy protein kinase (DMPK). This kinase also contains a Rac interactive binding (CRIB) domain, and has been shown to bind CDC42. It may function as a CDC42 downstream effector mediating CDC42 induced peripheral actin formation, and promoting cytoskeletal reorganization. Multiple alternatively spliced transcript variants have been described, and the full-length nature of two of them has been reported. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.