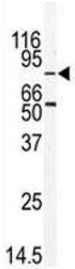
MARK2 Antibody (F40167)

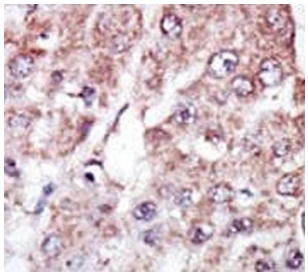
Catalog No.	Formulation	Size
F40167-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40167-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

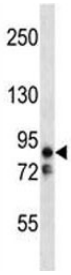
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q7KZI7
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This MARK2 antibody is available for research use only.



Western blot analysis of MARK2 antibody and mouse thymus tissue lysate. Predicted molecular weight: ~88kDa (isoform 1/alpha).



IHC analysis of FFPE human hepatocarcinoma stained with the MARK2 antibody



MARK2 antibody western blot analysis in Ramos lysate. Predicted molecular weight: ~88kDa (isoform 1/alpha).

Description

Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.

Application Notes

Titration of the MARK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 600-630 from the human protein was used as the immunogen for this MARK2 antibody.

Storage

Aliquot the MARK2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com