

Product Name: MARK3 Mouse Monoclonal Antibody
Catalog #: AMM81183



Summary

Production Name	MARK3 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,FC,ELISA
Reactivity	Human,Mouse,Rat,

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	MARK3
Alternative Names	KP78; CTAK1; PAR1A; Par-1a
Gene ID	4140.0
SwissProt ID	P27448 .Purified recombinant fragment of human MARK3 (AA: 435-658) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:100-1:500,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	87kDa

Background

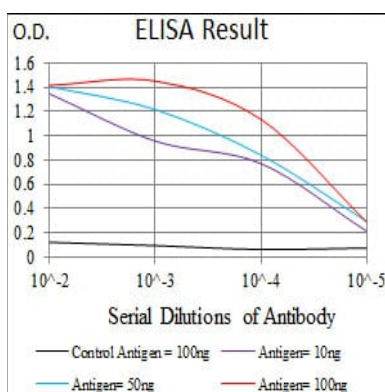
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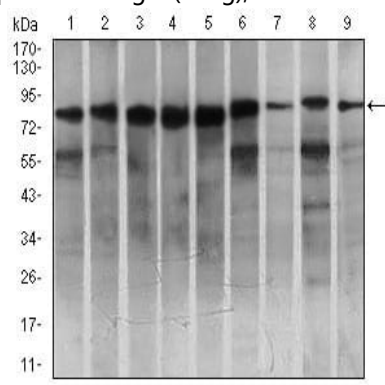
The protein encoded by this gene is activated by phosphorylation and in turn is involved in the phosphorylation of tau proteins MAP2 and MAP4. Several transcript variants encoding different isoforms have been found for this gene.

Research Area

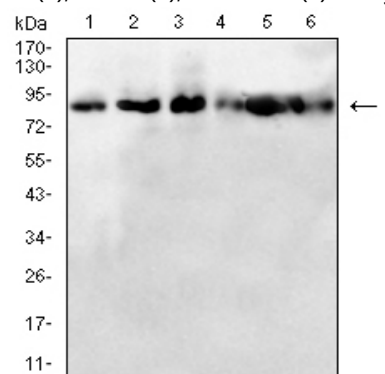
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

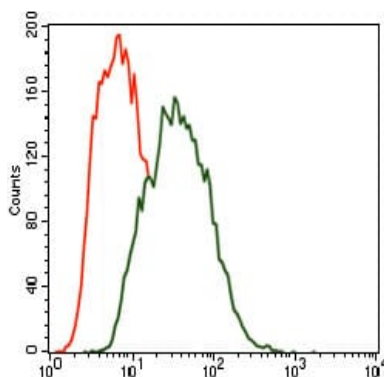


Western blot analysis using MARK3 mouse mAb against HeLa (1), SK-N-SH (2), K562 (3), HCT116 (4), HEK293 (5), 3T3L1 (6), NIH3T3 (7), Jurkat (8), and A431 (9) cell lysate.

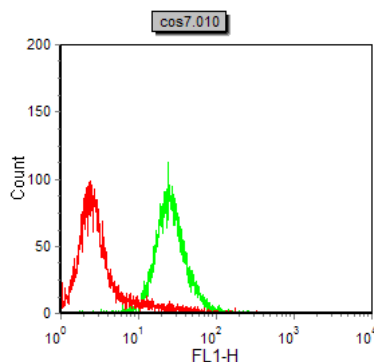


Western blot analysis using MARK3 mouse mAb against Rat brain(1)PC-12(2)Raw264.7(3)C6(4) F9(5)COS-7(6)cell lysate.

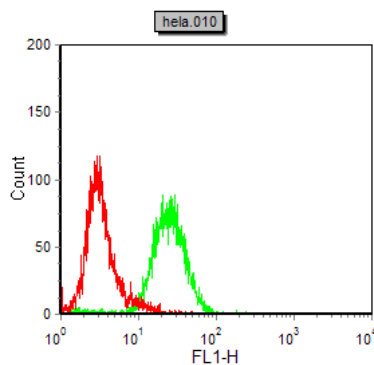
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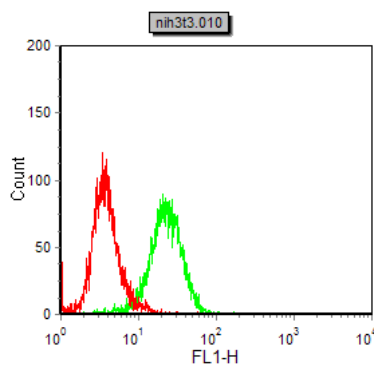
Flow cytometric analysis of SK-N-SH cells using MARK3 mouse mAb (green) and negative control (red).



Flow cytometric analysis of COS7 cells using MARK3 mouse mAb (green) and negative control (red).



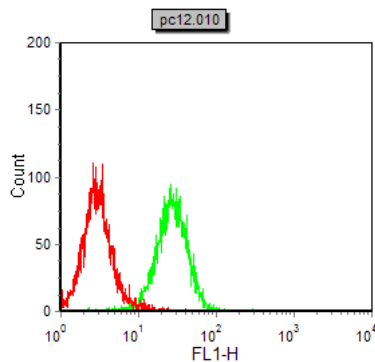
Flow cytometric analysis of Hela cells using MARK3 mouse mAb (green) and negative control (red).



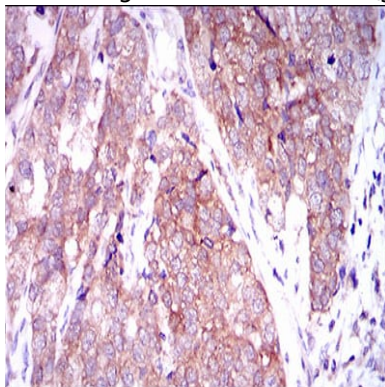
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Flow cytometric analysis of NIH/3T3 cells using MARK3 mouse mAb (green) and negative control (red).



Flow cytometric analysis of PC-12 cells using MARK3 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using MARK3 mouse mAb with DAB staining.

Note

For research use only.