

Product Datasheet

MARK2 Antibody (3B12) - Azide and BSA Free H00002011-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002011-M01

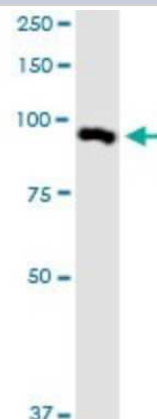
MARK2 Antibody (3B12) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3B12
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2011
Gene Symbol	MARK2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	MARK2 - MAP/microtubule affinity-regulating kinase 2
Immunogen	MARK2 (AAH08771, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QAAGPAIPTSNSYSKKTQSNNAENKRPEEDRESGRKASSTAKVPASPLPGLER KKTTPSTNSVLSTSTNRSRNSPLLERASLGQASIQNGKDSLTPMG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 29941476).

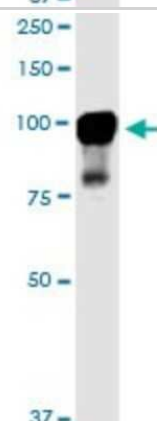


Images

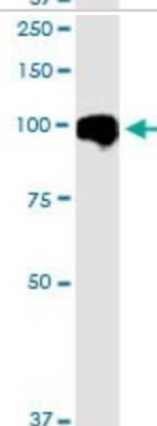
Western Blot: MARK2 Antibody (3B12) [H00002011-M01] - MARK2 monoclonal antibody (M01), clone 3B12. Analysis of MARK2 expression in NIH/3T3.



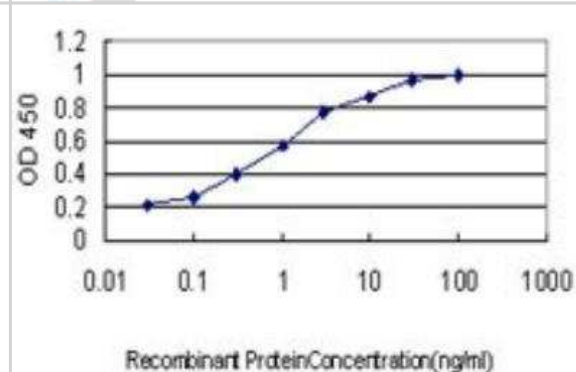
Western Blot: MARK2 Antibody (3B12) [H00002011-M01] - MARK2 monoclonal antibody (M01), clone 3B12. Analysis of MARK2 expression in PC-12.



Western Blot: MARK2 Antibody (3B12) [H00002011-M01] - MARK2 monoclonal antibody (M01), clone 3B12. Analysis of MARK2 expression in A-431.



ELISA: MARK2 Antibody (3B12) [H00002011-M01] - Detection limit for recombinant GST tagged MARK2 is approximately 0.03ng/ml as a capture antibody.



Publications

Hart M, Zulkipli I, Shrestha RL et al. MARK2/Par1b kinase present at centrosomes and retraction fibres corrects spindle off-centring induced by actin disassembly Open Biol 2019-06-28 [PMID: 31238822] (WB, Human)

Zulkipli I, Clark J, Hart M et al. Spindle rotation in human cells is reliant on a MARK2-mediated equatorial spindle-centering mechanism. J. Cell Biol. 2018-06-25 [PMID: 29941476] (ICC/IF, Human)

Hezel AF, Gurumurthy S, Granot Z et al. Pancreatic Lkb1 Deletion Leads to Acinar Polarity Defects Cystic Neoplasms. Mol Cell Biol;28(7):2414-25. 2008-04-01 [PMID: 18227155]



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Products Related to H00002011-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-84848PEP	MARK2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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