

Product Datasheet

MARCKS [p Ser152, p Ser156] Antibody - Azide Free NB500-140

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB500-140

MARCKS [p Ser152, p Ser156] Antibody - Azide Free

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	87 kDa

Product Description

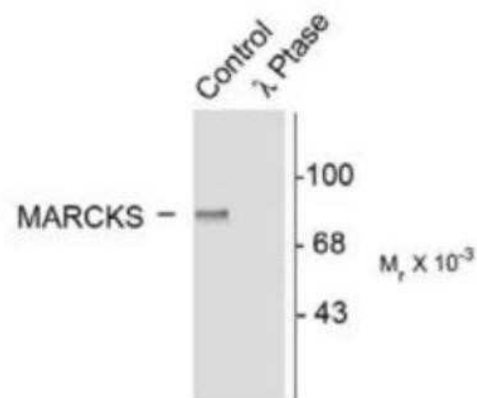
Host	Rabbit
Gene ID	4082
Gene Symbol	MARCKS
Species	Mouse, Rat, Canine, Chinese Hamster
Reactivity Notes	Chinese Hamster reactivity reported in scientific literature (PMID: 17079793). Canine reactivity reported in scientific literature (PMID: 25588777)
Specificity/Sensitivity	Specific for endogenous levels of the ~87 kDa MARCKS protein phosphorylated at Ser152 and Ser156. Immunolabeling is completely eliminated by treatment with lambda-phosphatase.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser152/156 conjugated to KLH. Accession # P30009

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000
Application Notes	NB500-140 can be used in Western blot where a band is seen at ~ 80 kDa, representing MARCKS. Immunohistochemical analysis has not yet been determined.

Images

Western Blot: MARCKS [p Ser152, p Ser156] Antibody [NB500-140] - Western blot of rat brain lysate showing specific immunolabeling of the ~87k MARCKS protein phosphorylated at Ser152,156 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: lambda-Ptase). The blot is identical to the control except that it was incubated in lambda-Ptase (1200 units for 30 min) before being exposed to the MARCKS Ser 152,156 antibody. The immunolabeling is completely eliminated by treatment with lambda-Ptase.



Publications

Pelletier G, Padhi BK, Hawari J et al. Development of a sensitive in vitro assay to quantify the biological activity of pro-inflammatory phorbol esters in Jatropha oil In Vitro Cell. Dev. Biol. Anim. 2015-01-15 [PMID: 25588777] (WB, Canine)

Zhan, Y, Ahme, A M, McFarlane N,et al. Regulation of SR-BI-mediated selective lipid uptake in Chinese hamster ovary-derived cells by protein kinase signaling pathways, . J Lipid Res. 2007 Feb;48(2):405-16. 2007-01-01 [PMID: 17079793] (WB, Chinese Hamster)





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Products Related to NB500-140

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004082-Q01-10ug	Recombinant Human MARCKS GST (N-Term) Protein

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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