

Product Datasheet

MARCKS Antibody NB110-58875

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

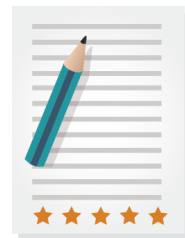
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NB110-58875**MARCKS Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.035% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	80 kDa

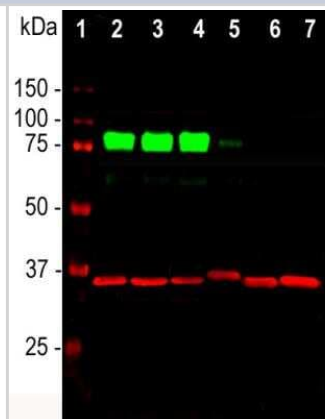
Product Description	
Host	Rabbit
Gene ID	4082
Gene Symbol	MARCKS
Species	Human
Reactivity Notes	Not reactive to rodent.
Immunogen	Full length recombinant rat MARCKS expressed in and purified from E. coli. [UniProt# P30009]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:10000-1:20000, Immunohistochemistry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:500-1:5000
Application Notes	This MARCKS antibody is useful for Immunocytochemistry/Immunofluorescence, ABC or other enzyme linked immunocytochemical procedures and Western blotting.

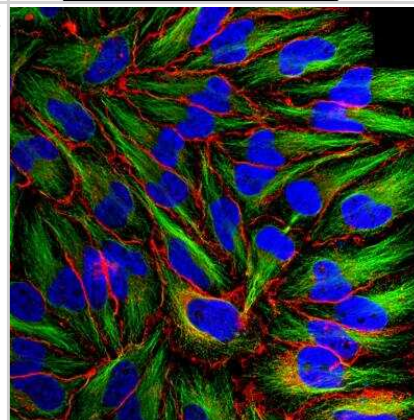


Images

Western Blot: MARCKS Antibody [NB110-58875] - Analysis of cell line lysates probed simultaneously with rabbit pAb to MARCKS, dilution 1:1000, in green and mouse mAb to GAPDH, dilution 1:5000 in red: [1] protein standard (red), [2] HEK293, [3] HeLa, [4] SH-SY5Y, [5] COS1, [6] NIH-3T3, [7] C6 cells. The strong band at ~80kDa corresponds to MARCKS protein, detected only in the proteins of human origin. Slight reactivity is observed in the monkey cells [5], but no reactivity is seen on rodent cells, [6] and [7]. GAPDH antibody used as a loading control revealing a single band at ~37kDa in all preparations.



Immunocytochemistry/Immunofluorescence: MARCKS Antibody [NB110-58875] - Analysis of HeLa cells stained with rabbit pAb to MARCKS, NB110-58875, dilution 1:1,000 in red, and costained with mouse mAb to Beta-tubulin, MCA-1B12, dilution 1:10,000 in green. The blue is DAPI staining of nuclear DNA. The NB110-58875 antibody recognizes protein localized in the plasma membrane and cytoplasm, while the Beta-tubulin antibody stains the network of cytoplasmic microtubules.



Publications

Beisang DJ, Smith K, Yang L et al. Single-cell RNA sequencing reveals that lung mesenchymal progenitor cells in IPF exhibit pathological features early in their differentiation trajectory Sci Rep 2020-07-07 [PMID: 32636398] (ICC/IF, IF/IHC, Human)



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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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