Anti-MARCKS Antibody [5F9] (A270556)

Specifications:

Name:	Anti-MARCKS Antibody [5F9]
Description:	Mouse monoclonal [5F9] antibody to MARCKS.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:2,000, ICC/IF: 1:2,000, IHC: 1:2,000
Reactivity:	Human, Monkey
Cross Reactivity:	This antibody is not recommended for use on rodent material.
Immunogen:	Recombinant full-length human MARCKS, expressed in and purified from E. coli.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	5F9
Isotype:	IgG1
Conjugate:	Unconjugated
Purification:	Immunogen affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	~80 kDa (by SDS-PAGE)
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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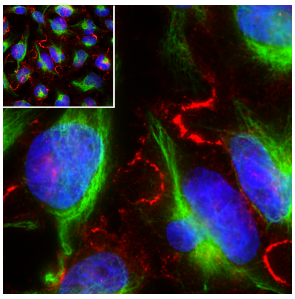
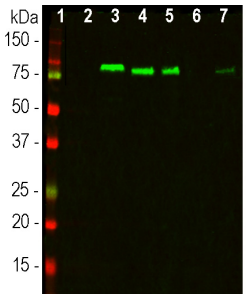
Images:



Immunofluorescent analysis of HeLa cell culture stained using Anti-MARCKS Antibody [5F9] (A270556), at a dilution of 1:1,000, in red. The tissue was co-stained using Anti-Vimentin Antibody (A85421), at a dilution of 1:10,000, in green. Nuclear DNA is visualised in blue using Hoechst staining. Anti-MARCKS Antibody [5F9] (A270556) binds to MARCKS protein expressed in the membrane structures and in cytoplasm, while the Anti-Vimentin Antibody (A85421) stains the intermediate filaments.



Western blot analysis of different cell lysates using Anti-MARCKS Antibody [5F9] (A270556), in green. The lanes contain samples of: [1] Protein standards, [2] NIH-3T3 cells, [3] HEK293 cells, [4] HeLa cells, [5] SH-SY5Y cells, [6] C6 cells, and [7] COS1 cells. The band at about 80kDa corresponds to the MARCKS protein, detected only in the human and monkey cells. The antibody does not recognise the rodent form of the MARCKS protein.