

Rabbit anti-Human MARCKS Polyclonal Antibody | anti-MARCKS antibody

MARCKS (phospho-Ser170) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302858	Rabbit	Human	Immunohistochemistry, Western Blot

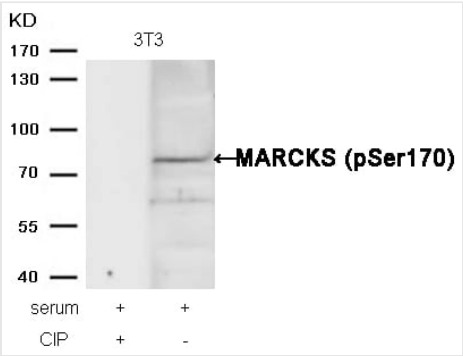
PRODUCT SYNONYMS

MARCKS; Polyclonal Antibody; MARCKS (phospho-Ser170) Antibody; MACS; 80K-L; PKCSL; PRKCSL; anti-MARCKS antibody

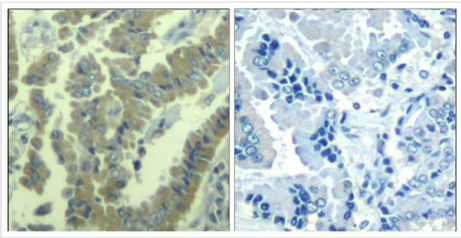
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of MARCKS only when phosphorylated at threonine 170.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	332
Applicable Applications for anti-MARCKS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 170 (G-F-S(p)-F-K) derived from Human MARCKS.
Modification	Phospho-Ser170
Target Name	MARCKS
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

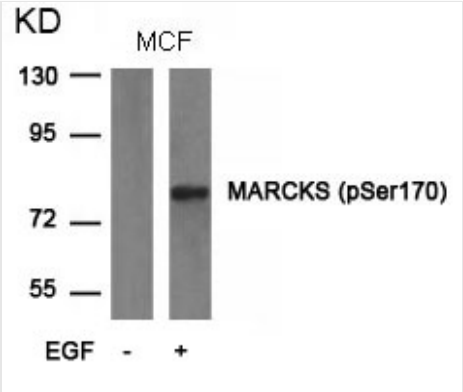
IMAGES



WB (Western Blot)
Western blot analysis of extracts from 3T3 cells, treated with serum or calf intestinal phosphatase (CIP), using MARCKS (phospho-Ser170) Antibody.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using MARCKS(Phospho-Ser170) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)
Western blot analysis of extracts from MCF cells untreated or treated with EGF using MARCKS(phospho-Ser170) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MARCKS antibody	MARCKS is the most prominent cellular substrate for protein kinase C. This protein binds calmodulin, actin, and synapsin. MARCKS is a filamentous (F) actin cross-linking protein.
Product Categories/Family for anti-MARCKS antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	153070260
NCBI GeneID	4082
NCBI Accession #	NP_002347.5
NCBI GenBank Nucleotide #	NM_002356.6
UniProt Accession #	P29966; Q2LA83; Q5TDB7; E1P560
Molecular Weight	31,555 Da
NCBI Official Full Name	myristoylated alanine-rich C-kinase substrate
NCBI Official Synonym Full Names	myristoylated alanine-rich protein kinase C substrate
NCBI Official Symbol	MARCKS
NCBI Official Synonym Symbols	MACS; 80K-L; PKCSL; PRKCSL

NCBI Protein Information	myristoylated alanine-rich C-kinase substrate
UniProt Protein Name	Myristoylated alanine-rich C-kinase substrate
UniProt Gene Name	MARCKS
UniProt Synonym Gene Names	MACS; PRKCSL; MARCKS; 80K-L protein; PKCSL
UniProt Entry Name	MARCS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/marcks-antibody-immunohistochemistry-western-blot-elisa/302858>