MARCKS(phospho-Ser170) Antibody

Catalog No: #11535

Package Size: #11535-1 50ul #11535-2 100ul #11535-4 25ul

Overview

Product Name	MARCKS(phospho-Ser170) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	MARCKS
Modification	Phospho-Ser170
Alternative Names	MACS, 80K-L, PKCSL, PRKCSL

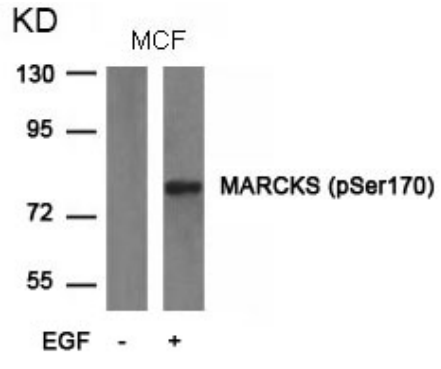
Application Details

Predicted MW: 80kd

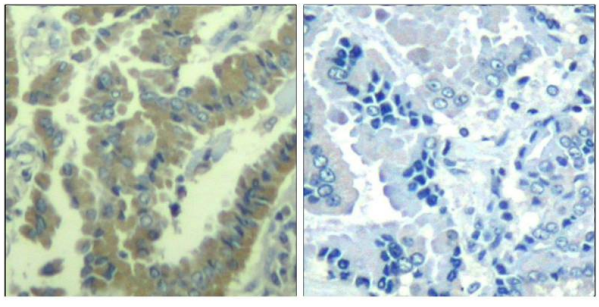
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

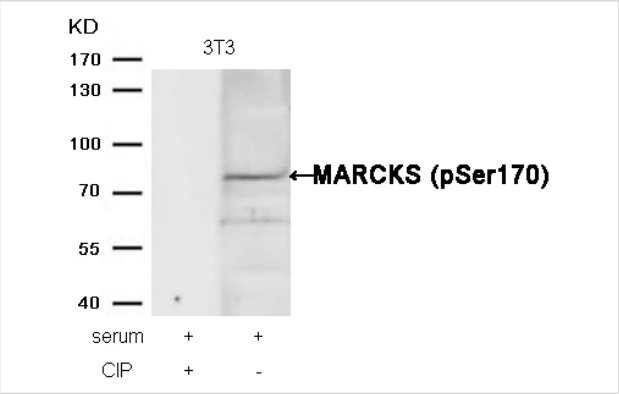
Images



Western blot analysis of extracts from MCF cells untreated or treated with EGF using MARCKS(phospho-Ser170) Antibody #11535.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using MARCKS(Phospho-Ser170) Antibody #11535(left) or the same antibody preincubated with blocking peptide(right).



Western blot analysis of extracts from 3T3 cells, treated with serum or calf intestinal phosphatase (CIP), using MARCKS (phospho-Ser170) Antibody #11535.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of Serine 170 (G-F-S(p)-F-K) derived from Human MARCKS.
Specificity	The antibody detects endogenous level of MARCKS only when phosphorylated at threonine 170.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P29966NCBI Protein: NP_002347.5

Related Information

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.

Ramsden, J.J. (2000) Int. J. Biochem. Cell Biol. 32, 475-479.
Graff, J. M. et al. (1989) J. Biol. Chem. 264, 21818-21823.
Hartwig, J. H. et al. (1992) Nature 356, 618-622.
Thelen, M. et al. (1991) Nature 351, 320-322.