

MARCKS(Ab-162) Antibody

Catalog No: #21257

Package Size: #21257-1 50ul #21257-2 100ul

Description

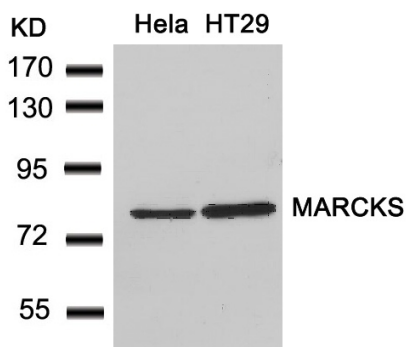
Product Name	MARCKS(Ab-162) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total MARCKS protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 160~164 (K-K-S-F-K) derived from Human MARCKS.
Conjugates	Unconjugated
Target Name	MARCKS
Other Names	MACS; MARCS; PKCSL; PRKCSL; Protein kinase C substrate
Accession No.	Swiss-Prot: P29966NCBI Protein: NP_002347.5
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 80kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HeLa and HT29 cells using MARCKS(Ab-162) Antibody #21257.

Background

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.

Pariser H, et al. Proc Natl Acad Sci U S A 2005 Aug 30; 102(35): 12407-12412

Nagumo H, et al. Biochem Biophys Res Commun 2001 Jan 26; 280(3): 605-609

Yamamoto H, et al. Arch Biochem Biophys 1998 Nov 15; 359(2): 151-159

Published Papers

et al., The GABAB positive allosteric modulators CGP7930 and GS39783 stimulate ERK1/2 signalling in cells lacking functional GABAB receptors. In Eur J Pharmacol on 2017 Jan 5 by Maria C Olianas, Simona Dedoni, et al.. PMID: 27876620, , (2017)

[PMID:27876620](#)

et al., Protection from interferon- γ induced neuronal apoptosis through stimulation of muscarinic acetylcholine receptors coupled to ERK1/2 activation. In Br J Pharmacol on 2016 Oct by Maria C Olianas, Simona Dedoni et al.. PMID:27474091, , (2016)

[PMID:27474091](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.