



MARCKS (Ab-162) Antibody

#21257

Catalog Number: 21257-1, 21257-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P29966

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from Human MARCKS around the phosphorylation site of serine 162 (K-K-S^P-F-K)..

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

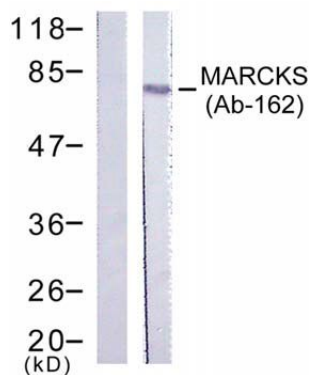
Specificity/Sensitivity: MARCKS (Ab-162) antibody detects endogenous levels of total MARCKS protein.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 80 kd

WB : 1:500~1:1000



Western blot analysis of extract from HeLa 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.

References:

- 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