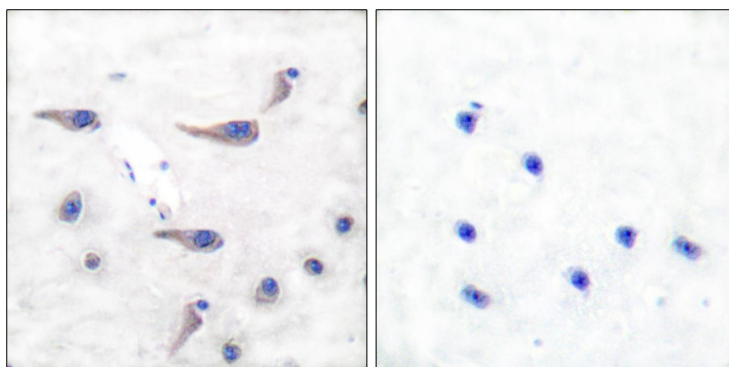




## MARCKS (Phospho-Ser162) Antibody

E11-7143A

- Catalog Number:** E11-7143A
- Amount:** 100µg/100µl
- Swiss-Prot No. :** P29966
- All Names:** 80K-L protein, MACS, MARCS, Myristoylated alanine-rich C-kinase substrate, PKCSL, PRKCSL, Protein kinase C substrate, 81 kDa protein, light chain
- All Sites:** Human: Ser162; Mouse: Ser155; Rat: Ser155
- Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), 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 phosphopeptide derived from human MARCKS around the phosphorylation site of serine 162 (K-K-S<sup>P</sup>-F-K).
- Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
- Specificity/Sensitivity:** MARCKS (phospho-Ser162) antibody detects endogenous levels of MARCKS only when phosphorylated at serine 162.
- Reactivity:** Human, Mouse, Rat
- Applications:** WB: 1:500~1:2000    IHC: 1:50~1:100    ELISA: 1:10000
- References:** Dongjun Li, J. Neurosci., Feb 2005; 25: 1914 - 1923.  
Gamal Badr, J. Immunol., Jul 2005; 175: 302 - 310.  
Magdalena J. Lorenowicz, Arterioscler. Thromb. Vasc. Biol., May 2007; 27: 1014 - 1022.



P-peptide

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Immunohistochemical analysis of paraffin-embedded human brain tissue using MARCKS (phospho-Ser162) antibody.

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