

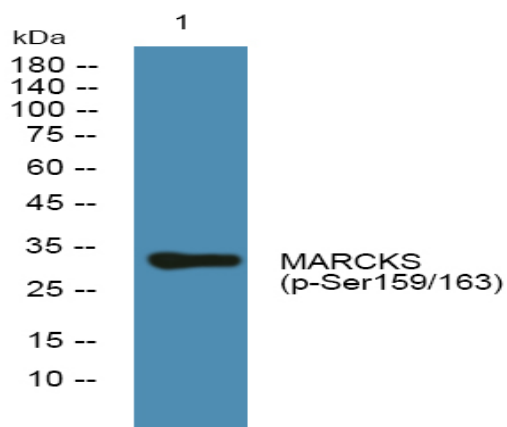
**MARCKS (Phospho Ser159/163) rabbit pAb**

<b>Catalog No :</b>	YP1392
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	MARCKS
<b>Fields :</b>	>>Fc gamma R-mediated phagocytosis;>>MicroRNAs in cancer
<b>Gene Name :</b>	MARCKS MACS PRKCSL
<b>Protein Name :</b>	MARCKS (Ser159/163)
<b>Human Gene Id :</b>	4082
<b>Human Swiss Prot No :</b>	P29966
<b>Mouse Gene Id :</b>	17118
<b>Mouse Swiss Prot No :</b>	P26645
<b>Rat Swiss Prot No :</b>	P30009
<b>Immunogen :</b>	Synthesized phospho peptide around human MARCKS (Ser159 and 163)
<b>Specificity :</b>	This antibody detects endogenous levels of Human Mouse Rat MARCKS (phospho-Ser159 or 163)
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	32kD
<b>Cell Pathway :</b>	Fc gamma R-mediated phagocytosis;
<b>Background :</b>	The protein encoded by this gene is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane, leading to its presence in the cytoplasm. The protein is thought to be involved in cell motility, phagocytosis, membrane trafficking and mitogenesis. [provided by RefSeq, Jul 2008],
<b>Function :</b>	function: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.,PTM:Phosphorylation by PKC displaces MARCKS from the membrane. It also inhibits the F-actin cross-linking activity.,similarity:Belongs to the MARCKS family.,
<b>Subcellular Location :</b>	Cytoplasm, cytoskeleton . Membrane ; Lipid-anchor .
<b>Expression :</b>	Blood,Brain,Epithelium,Muscle,Skin,
<b>Sort :</b>	9388
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Phospho

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## Products Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night