

35-1615: Polyclonal Antibody to MARCKS (Ab-158)

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Human,Mouse,Rat
Gene :	MARCKS
Gene ID :	4082
Uniprot ID :	P29966
Format :	Purified
Alternative Name :	MACS, MARCS, PKCSL, PRKCSL, Protein kinase C substrate
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.156~160 (R-F-S-F-K) derived from Human MARCKS.

Description

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.

Product Info

Amount :	50 μ l / 100 μ l
Content :	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 condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 80kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

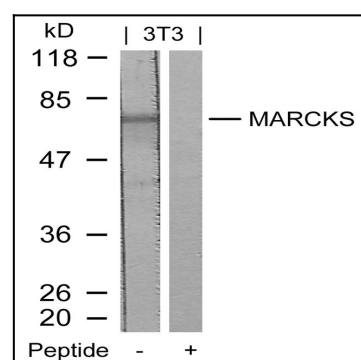


Figure 1: Western blot analysis of extracts from 3T3 cells using MARCKS(Ab-158) Antibody 35-1615 and the same antibody preincubated with blocking peptide.

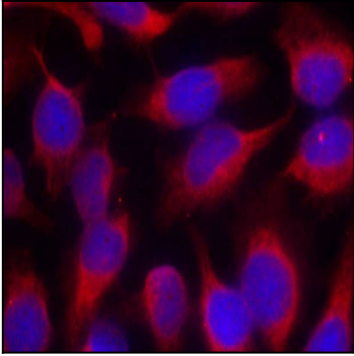


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using MARCKS(Ab-158) Antibody 35-1615 .