For research purposes only, not for human use

Product Data Sheet

Anti-MARCKS (Phospho-S158) Antibody

Catalog #	Source	Reactivity	Applications
CPA5765	Rabbit	H, M, R, B, C, Z	WB, IH

Description	Rabbit polyclonal antibody to MARCKS (Phospho-S158)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S158 of human MARCKS protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of MARCKS protein only when phosphorylated at S158.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)
Gene Symbol	MARCKS
Alternative Names	MACS; PRKCSL; Myristoylated alanine-rich C-kinase substrate; MARCKS; Protein kinase C substrate 80 kDa protein light chain; 80K-L protein; PKCSL
Entrez Gene	4082 (Human); 17118 (Mouse)
SwissProt	P29966 (Human); P26645 (Mouse); P30009 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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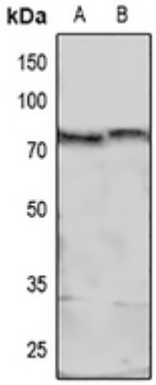
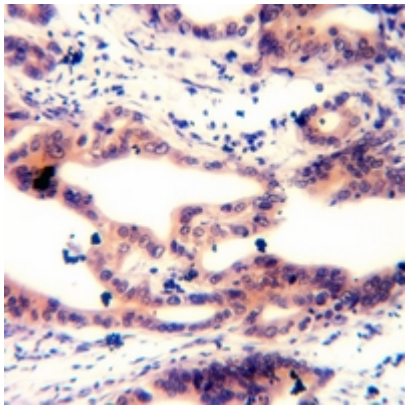


Western blot analysis of MARCKS (Phospho-S158) expression in mouse kidney (A), rat brain (B) whole cell lysates. (Predicted band size: 31 kD; Observed band size: 75 kD)



Immunohistochemical analysis of MARCKS (Phospho-S158) staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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