

Marcks Polyclonal Antibody

Catalog number: 10004-2-Ig

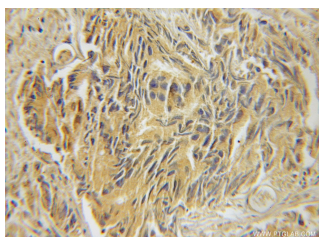
Size: 142 µg/150 µl

Source: Rabbit

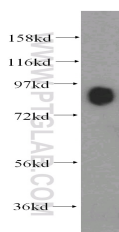
Isotype: IgG

Synonyms:

Marcks; Macs, Marcks, PKCSL



Immunohistochemical of paraffin-embedded human prostate cancer using 10004-2-Ig (Marcks antibody) at dilution of 1:200 (under 10x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10004-2-Ig (Marcks antibody) at dilution of 1:2000

Background

MARCKS is a member of MARCKS family of PKC substrate and it is also a widely accepted indicator of PKC activation. It shows a ubiquitous tissue distribution. The calculated molecular weight of MARCKS is 39 kDa and its apparent molecular weights were found at 68 kDa to 90 kDa in different species. This protein is a known to regulated cytoskeleton remodeling and membrane recycling. The anti-MARCKS antibody is raised against purified MARCKS protein from mouse brain using a method similar to that previously reported for MacMARCKS

Applications

| | |
|--------------------------|---|
| Tested applications: | ELISA, WB, IHC |
| Cited applications: | IF, IHC, IP, WB |
| Species specificity: | Human, Mouse; other species not tested. |
| Cited species: | Bovine, human, mouse, rat |
| Calculated Marcks MW: | 39kd |
| Observed Marcks MW: | 88kd |
| Positive WB detected in | Mouse brain tissue |
| Positive IHC detected in | Human prostate cancer tissue, mouse pancreas tissue |
| Recommended dilution: | WB: 1:1000-1:10000 IHC: 1:20-1:200 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

| | |
|---------------------------|---|
| Immunogen: | Recombinant Protein |
| GenBank accession number: | BC046601 |
| Gene ID (NCBI): | 17118 |
| Full name: | Myristoylated alanine rich protein kinase C substrate |

Product information

| | |
|----------------------|---|
| Purification method: | Protein A purification |
| Storage: | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |