

## S100A10/P11 monoclonal antibody

Catalog: MB21100

Host: Mouse

Reactivity: Human

### BackGround:

S100 calcium binding protein A10 (S100A10/P11), it is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in exocytosis and endocytosis.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

11kDa

### Swiss-Prot:

P60903

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000

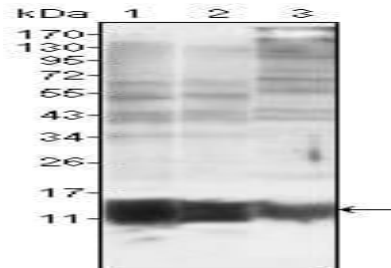
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

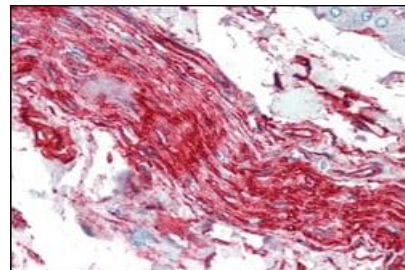
### Isotype:

Mouse IgG1

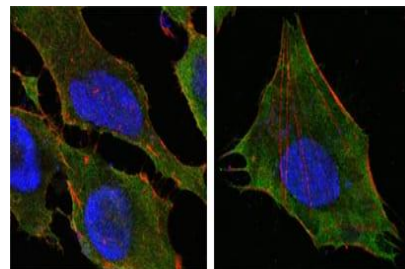
### DATA:



Western blot analysis using S100A10/P11 mouse mAb against MCF-7 (1), HepG2 (2) and Hela (3).



Immunohistochemical analysis of paraffin-embedded human nerve and ganglion cells using S100A10/P11 mouse mAb.



Confocal Immunofluorescence analysis of Hela (left) and L-02 (right) cells using S100A10/P11 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151