

Product Name: S100A10/P11 Mouse Monoclonal Antibody**Catalog #: AMM80580**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	11kDa

Antigen Information

Gene Name	S100A10/P11
Alternative Names	S100A10; P11; PP11; PRSS26
Gene ID	6281.0
SwissProt ID	P60903
Immunogen	Purified recombinant fragment of human P11 expressed in E. Coli.

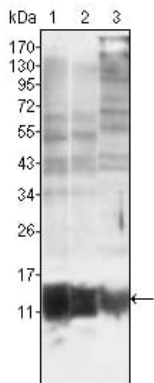
Background

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

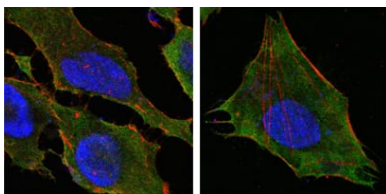
members which are located as a cluster on chromosome 1q21. This protein may function in exocytosis and endocytosis.

Research Area

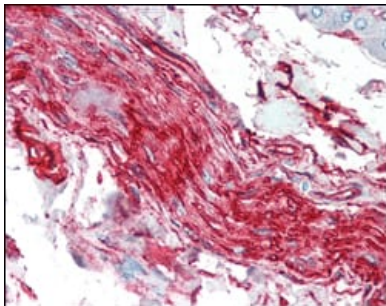
Image Data



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



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.



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