

## S-100A10 Mouse mAb

CatalogNo: YM0573

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- WB,IHC,IF,ELISA

#### MW

- 11kD (Calculated)

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:200-1:1000**

**IF 1:200-1:1000**

**ELISA 1:10000**

**Not yet tested in other applications.**

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Monoclonal

### Immunogen Information

**Immunogen** Purified recombinant fragment of human S-100A10 expressed in E. Coli.

**Specificity** S-100A10 Monoclonal Antibody detects endogenous levels of S-100A10 protein.

### Target Information

**Gene name** S100A10

**Protein Name** Protein S100-A10

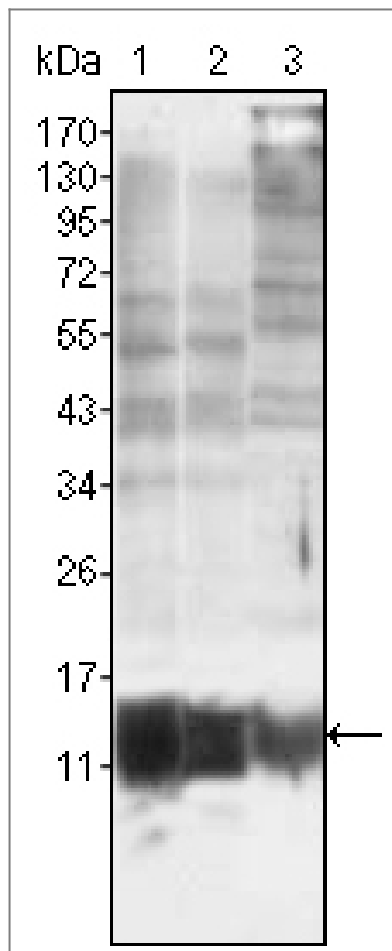
Organism	Gene ID	UniProt ID
Human	<a href="#">6281</a> ;	<a href="#">P60903</a> ;
Mouse		<a href="#">P08207</a> ;

**Cellular Localization** integral component of membrane,extrinsic component of plasma membrane,membrane raft,extracellular exosome,

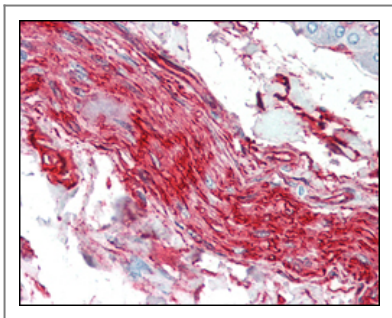
**Tissue specificity** Brain,Keratinocyte,

**Function** Function:Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.,miscellaneous:Does not appear to bind calcium. Contains 2 ancestral calcium site related to EF-hand domains that have lost their ability to bind calcium.,similarity:Belongs to the S-100 family.,subunit:Heterotetramer containing 2 light chains of S100A10/p11 and 2 heavy chains of ANXA2/p36. Interacts with SCN10A.,

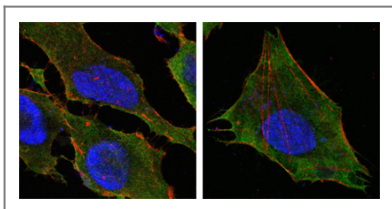
## Validation Data



Western Blot analysis using S-100A10 Monoclonal Antibody against MCF-7 (1), HepG2 (2) and HeLa (3).



Immunohistochemistry analysis of paraffin-embedded human nerve and ganglion cells with AEC staining using S-100A10 Monoclonal Antibody.



Confocal immunofluorescence analysis of HeLa (left) and L-02 (right) cells using S-100A10 Monoclonal Antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

## Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**S-100A10 Mouse mAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)