

**Anti-S100A10 Antibody**  
**Mouse Monoclonal Antibody**  
**Catalog # AP53472****Specification**

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**Anti-S100A10 Antibody - Product Information**

Application	IP, WB, ICC
Primary Accession	<a href="#">P08207</a>
Other Accession	<a href="#">NM_002966</a>
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Immunogen	Purified recombinant human S100A10 protein fragments expressed in E.coli.
Purification	Affinity purified
Calculated MW	11kDa KDa

**Anti-S100A10 Antibody - Additional Information****Gene ID** 20194**Other Names**

42C ;AA409961 ;AL024248 ;Annexin II ligand ;Annexin II ligand, calpactin I, light polypeptide ;Annexin II, light chain ;ANX2L ;ANX2LG ;Ca[1] ;CAL12 ;CAL1L ;Calpactin I light chain ;Calpactin I, p11 subunit ;Calpactin-1 light chain ;Cellular ligand of annexin II ;CLP11 ;GP11 ;MGC111133 ;Nerve growth factor-induced protein 42C ;OTTHUMP00000015269 ;OTTHUMP00000015270 ;p10 ;p10 protein ;p11 ;Protein S100 A10 ;Protein S100-A10 ;S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)) ;S100 calcium binding protein A10 (calpactin) ;S100 calcium binding protein A10 ;S100 calcium-binding protein A10 ;S100a10 ;S10AA\_HUMAN.

**Dilution**

IP~~1:100  
WB~~1:1000  
ICC~~1:200

**Format**

Purified mouse monoclonal antibody in PBS (pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

**Storage**

Store at -20 Â°C. Stable for 12 months from date of receipt

**Anti-S100A10 Antibody - Protein Information****Name** S100a10**Synonyms** Cal11

### Function

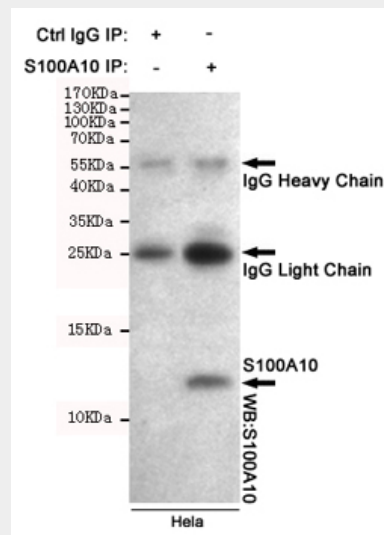
Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.

### Anti-S100A10 Antibody - Protocols

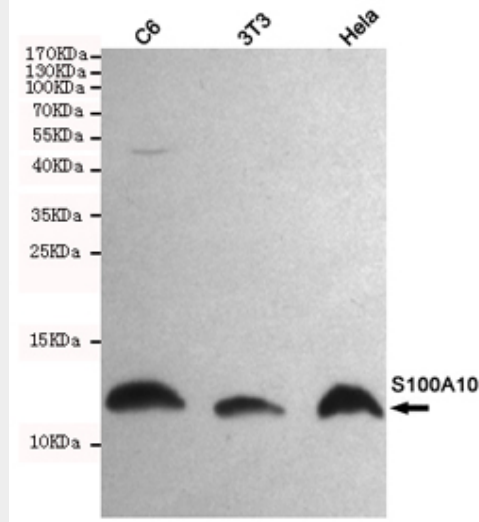
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

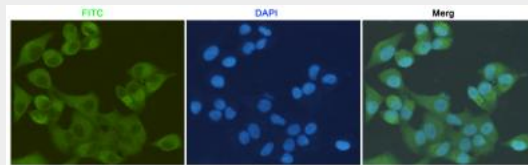
### Anti-S100A10 Antibody - Images



Immunoprecipitation analysis of HeLa cell lysates using S100A10 mouse mAb.



Western blot detection of S100A10 in C6,3T3 and HeLa cell lysates using S100A10 mouse mAb (1:1000 diluted).Predicted band size:11KDa.Observed band size:11KDa.



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-S100A10 mouse mAb (dilution 1:200).

#### Anti-S100A10 Antibody - Background

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.