

For Research Use Only

# S100A1 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 67237-1-PBS



## Basic Information

<b>Catalog Number:</b> 67237-1-PBS	<b>GenBank Accession Number:</b> BC014392	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6271	<b>CloneNo.:</b> 1A8C1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P23297	
<b>Isotype:</b> IgG1	<b>Full Name:</b> S100 calcium binding protein A1	
<b>Immunogen Catalog Number:</b> AG19544	<b>Calculated MW:</b> 94 aa, 11 kDa	

## Applications

**Tested Applications:**  
IHC, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human, rat

## Product Information

67237-1-PBS targets S100A1 as part of a matched antibody pair:

MP51090-1: 67237-1-PBS capture and 67237-2-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

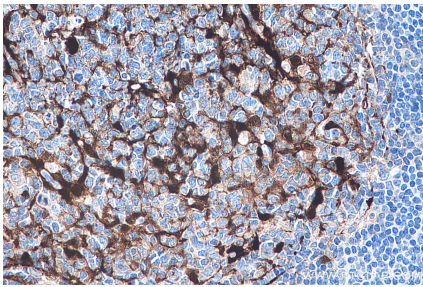
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

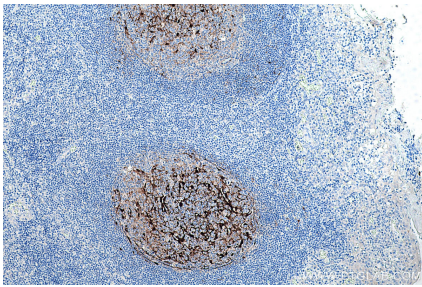
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

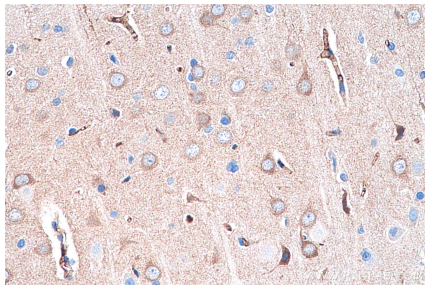
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67237-1-Ig (S100A1 antibody) at dilution of 1:17000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67237-1-PBS in a different storage buffer formulation.



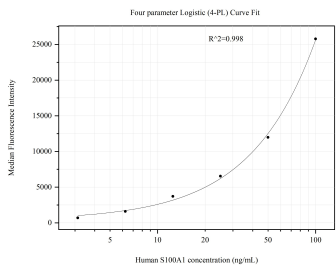
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67237-1-Ig (S100A1 antibody) at dilution of 1:17000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67237-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67237-1-Ig (S100A1 antibody) at dilution of 1:17000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67237-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67237-1-Ig (S100A1 antibody) at dilution of 1:17000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67237-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP51090-1, S100A1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67237-1-PBS. Detection antibody: 67237-2-PBS. Standard:Ag19544. Range: 3.125-100 ng/mL.