For Research Use Only

S100A1 Monoclonal antibody

Catalog Number:67237-1-Ig

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
67237-1-Ig

Size:
150ul , Concentration: 1000 μg/ml by Nanodrop and 521 μg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG19544

GenBank Accession Number:
BC014392

GeneID (NCBI):
6271

Full Name:
S100 calcium binding protein A1

Calculated MW:
94 aa, 11 kDa

Purification Method:
Protein G purification

CloneNo.:
1A8C1

Recommended Dilutions:
IHC 1:16000-1:64000

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
Human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human tonsillitis tissue, rat brain tissue

Background Information

Storage

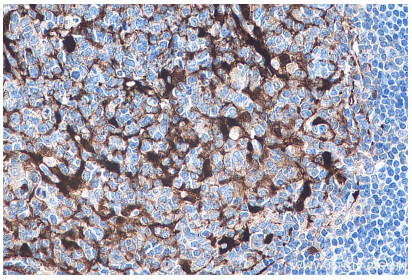
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

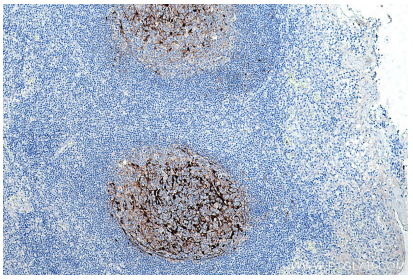
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

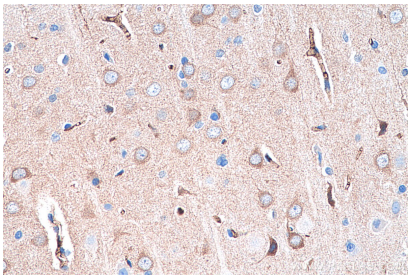
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67237-1-Ig (S100A1 antibody) at dilution of 1:32000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67237-1-Ig (S100A1 antibody) at dilution of 1:32000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67237-1-Ig (S100A1 antibody) at dilution of 1:32000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 67237-1-Ig (S100A1 antibody) at dilution of 1:32000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).