

For Research Use Only

S100A12 Polyclonal antibody

Catalog Number: 16630-1-AP

5 Publications



Basic Information

Catalog Number:

16630-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 373 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9961

GenBank Accession Number:

BC070294

GeneID (NCBI):

6283

UNIPROT ID:

P80511

Full Name:

S100 calcium binding protein A12

Calculated MW:

92 aa, 11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC: 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

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, human colon cancer tissue

Background Information

S100A12 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. S100A12 is expressed abundantly in granulocytes, and has been implicated to play an important role on inflammatory reactions in various disease states.

Notable Publications

Author	Pubmed ID	Journal	Application
Claire Stenhouse	35134855	Biol Reprod	IHC
Wei Lin	40070835	Front Immunol	WB
Hong Ren	39123763	Animals (Basel)	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

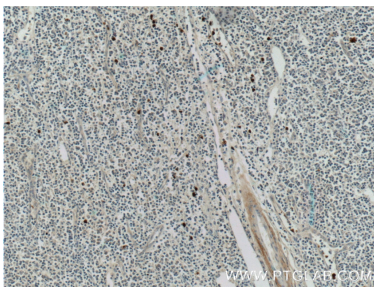
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

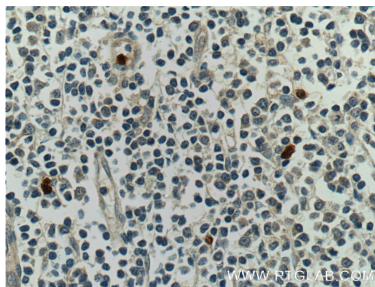
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16630-1-AP (S100A12 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16630-1-AP (S100A12 Antibody) at dilution of 1:200 (under 40x lens).