Product Datasheet

S100A9 Rabbit Polyclonal Antibody

Catalog No: #29664

Package Size: #29664-1 50ul #29664-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

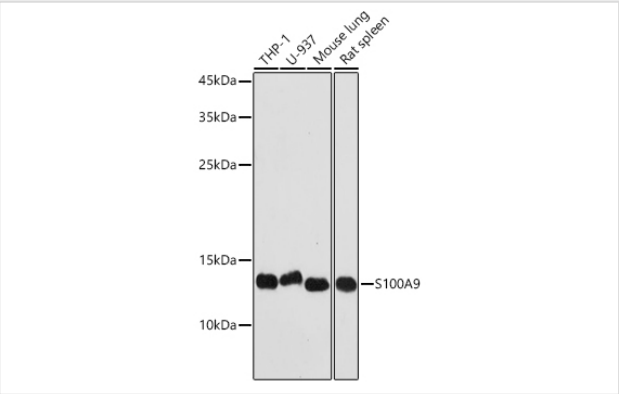
Description

Product Name	S100A9 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human S100A9 (NP_002956.1).
Conjugates	Unconjugated
Other Names	S100A9;60B8AG;CAGB;CFAG;CGLB;L1AG;LIAG;MAC387;MIF;MRP14;NIF;P14
Accession No.	Uniprot:P06702GeneID:6280
Calculated MW	13kDa
SDS-PAGE MW	14kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

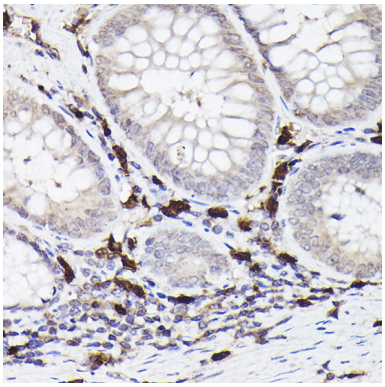
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

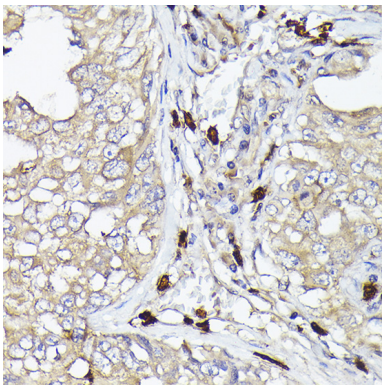
Images



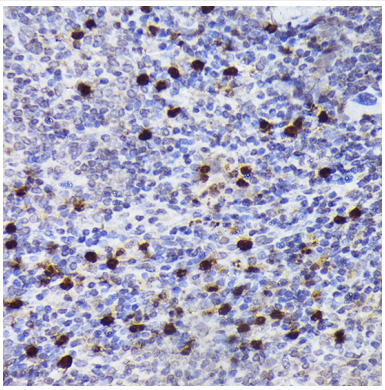
Western blot analysis of extracts of various cell lines, using S100A9 antibody.



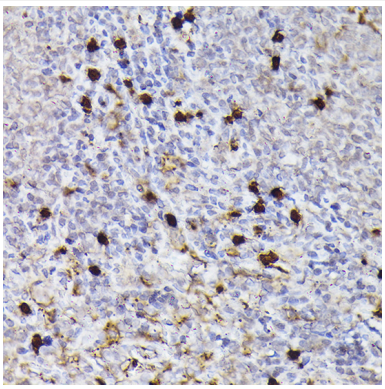
Immunohistochemistry of paraffin-embedded human colon carcinoma using S100A9 Rabbit pAb.



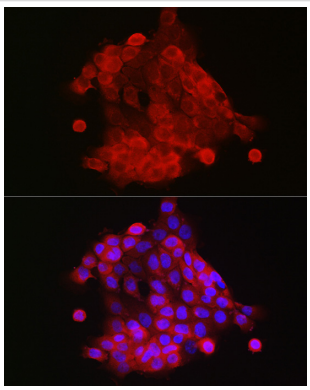
Immunohistochemistry of paraffin-embedded human lung cancer using S100A9 Rabbit pAb.



Immunohistochemistry of paraffin-embedded mouse spleen using S100A9 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat spleen using S100A9 Rabbit pAb.



Immunofluorescence analysis of A431 cells using S100A9 Rabbit pAb.

Background

The protein encoded by this gene 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. This protein may function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. This antimicrobial protein exhibits antifungal and antibacterial activity.

Published Papers

el at., CD155 Cooperates with PD-1/PD-L1 to Promote Proliferation of Esophageal Squamous Cancer Cells via PI3K/Akt and MAPK Signaling Pathways. In Cancers (Basel) on 2022 Nov 15 by Xiyang Tan, Jie Yang, et al..PMID:36428703, , (2022)

PMID:36428703

Note: This product is for in vitro research use only and is not intended for use in humans or animals.