Recombinant S100A9 Monoclonal Antibody

catalog number: **AN301742L**

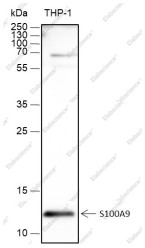
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human S100A9 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C311364
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:500-1:2000
IF	1:50

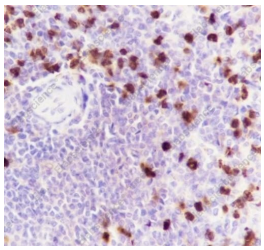
Data



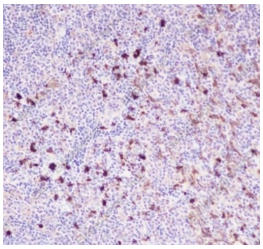
Western Blot with S100A9 Monoclonal Antibody at dilution of 1:2000. Lane 1: THP-1

Observed-MW:13 kDa

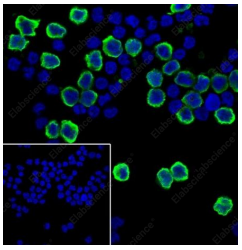
Calculated-MW:13 kDa



Immunohistochemistry of paraffin-embedded Human spleen using S100A9 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human tonsil using S100A9 Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed PBMC cells using anti-S100A9 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

S100A9 is a calcium- and zinc-binding protein which plays a prominent role in the regulation of inflammatory processes and immune response. The extracellular functions involve proinflammatory, antimicrobial, oxidant-scavenging and apoptosis-inducing activities. Its proinflammatory activity includes recruitment of leukocytes, promotion of cytokine and chemokine production, and regulation of leukocyte adhesion and migration. S100A9 may function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis.

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