

## Recombinant S100A9 Monoclonal Antibody

catalog number: AN301742L

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

### Description

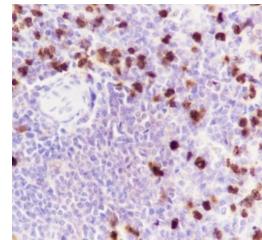
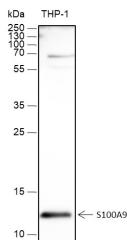
<b>Reactivity</b>	Human;
<b>Immunogen</b>	Recombinant human S100A9 fragment
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, κ
<b>Clone</b>	A450
<b>Purification</b>	Protein A purified
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:500-1:2000
<b>IF</b>	1:50

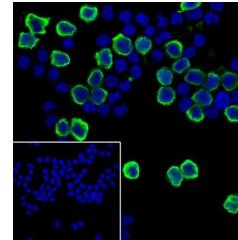
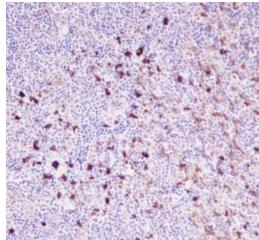
### Data



Western Blot with S100A9 Monoclonal Antibody at dilution of 1:2000. Lane 1: THP-1  
1:2000. Lane 1: THP-1  
Immunohistochemistry of paraffin-embedded Human spleen using S100A9 Monoclonal Antibody at dilution of 1:1000.

**Observed-MW:13 kDa**

**Calculated-MW:13 kDa**



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

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

### Background

### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

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Rev. V1.1

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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