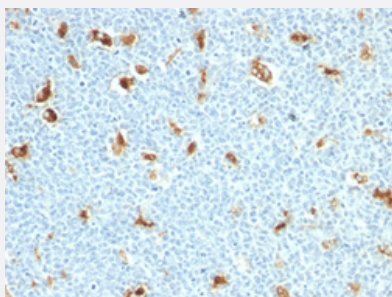


# S100A9 monoclonal antibody, clone S100A9/1011

Catalog # MAB13426      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with S100A9 monoclonal antibody, clone S100A9/1011 (Cat # MAB13426).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant human S100A9.
<b>Immunogen</b>	Recombinant protein corresponding to full length human S100A9.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	14
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgM, kappa
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (Not suitable for frozen tissues.) (1-2 ug/mL for 30 min at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with S100A9 monoclonal antibody, clone S100A9/1011 (Cat # MAB13426).

## Gene Info — S100A9

**Entrez GeneID** [6280](#)

**Protein Accession#** [P06702](#)

**Gene Name** S100A9

**Gene Alias** 60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG, MAC387, MIF, MRP14, NIF, P14

**Gene Description** S100 calcium binding protein A9

**Omim ID** [123886](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** OTTHUMP00000015331|S100 calcium-binding protein A9|S100 calcium-binding protein A9 (calgranulin B)|calgranulin B

## Disease

- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Calculi](#)