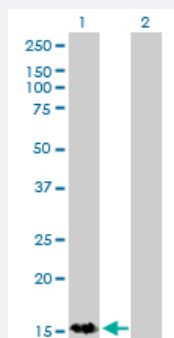


# S100A9 monoclonal antibody (M13), clone 1C22

Catalog # H00006280-M13

Size 100 ug

## Applications

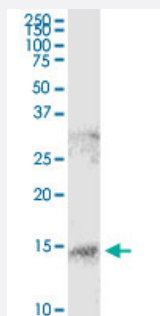


### Western Blot (Transfected lysate)

Western Blot analysis of S100A9 expression in transfected 293T cell line by S100A9 monoclonal antibody (M13), clone 1C22.

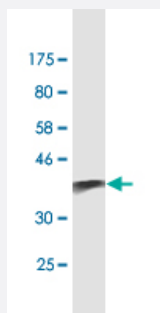
Lane 1: S100A9 transfected lysate (13.2 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of S100A9 transfected lysate using anti-S100A9 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with S100A9 purified MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (38.28 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full-length recombinant S100A9.

<b>Immunogen</b>	S100A9 (AAH47681, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MTCKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKENRNEKVIEHIMEDLD TNADKQLSFEEFIMLMARLTWASHEKMHEGDEGPGHHHKPGLGEGTP
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.28 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of S100A9 expression in transfected 293T cell line by S100A9 monoclonal antibody (M13), clone 1C22.

Lane 1: S100A9 transfected lysate(13.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of S100A9 transfected lysate using anti-S100A9 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with S100A9 purified MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

## Gene Info — S100A9

Entrez GeneID [6280](#)

GeneBank Accession#	<a href="#">BC047681</a>
Protein Accession#	<a href="#">AAH47681</a>
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	<a href="#">123886</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
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](#)