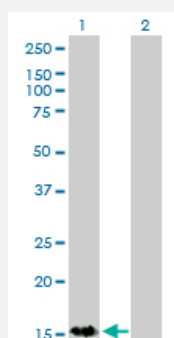


S100A9 monoclonal antibody (M13), clone 1C22

Catalog # H00006280-M13

Size 100 ug

Applications

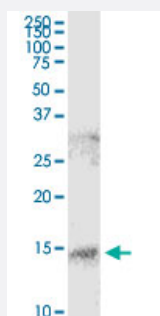


Western Blot (Transfected lysate)

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

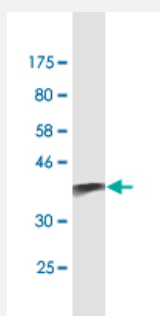
Lane 1: S100A9 transfected lysate (13.2 KDa).

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.

Immunogen	S100A9 (AAH47681, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTCKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKENRNEKVIEHIMEDLD TNADKQLSFEFIMLMARLTWASHEKMHEGDEGPGHHHKPGLGEGTP
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.28 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	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#	BC047681
Protein Accession#	AAH47681
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	<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](#)