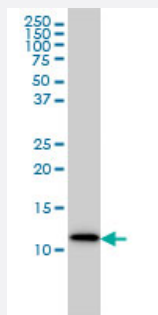


S100A9 monoclonal antibody (M01A), clone 1C10

Catalog # H00006280-M01A

Size 200 uL

Applications



Western Blot (Cell lysate)

S100A9 monoclonal antibody (M01A), clone 1C10 Western Blot analysis of S100A9 expression in MCF-7 (Cat # L046V1).



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 TNADKQLSFEEFIMLMARLTWASHEKMHEGDEGPGHHHKPGLGEGTP
Host	Mouse
Reactivity	Human
Isotype	IgG

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.28 KDa) .

Storage Buffer

In ascites fluid

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

S100A9 monoclonal antibody (M01A), clone 1C10 Western Blot analysis of S100A9 expression in MCF-7 (Cat # L046V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[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

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

Publication Reference

- [Proteomic profiling of inflammatory signaling molecules in the tears of patients on chronic glaucoma medication.](#)

Wong TT, Zhou L, Li J, Tong L, Zhao SZ, Li XR, Yu SJ, Koh SK, Beuerman RW.

Investigative Ophthalmology & Visual Science 2011 Sep; 52(10):7385.

Application: WB, Human, Tear

- [S100A expression in normal corneal-limbal epithelial cells and ocular surface squamous cell carcinoma tissue.](#)

Li J, Riau AK, Setiawan M, Mehta JS, Ti SE, Tong L, Tan DT, Beuerman RW.

Molecular Vision 2011 Aug; 17:2263.

Application: IF, Human, Corneal-limbal epithelial cells, Ocular surface squamous cell carcinoma tissues

Disease

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