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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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S100A11 monoclonal antibody (M01), clone 2F4

Catalog # : H00006282-M01

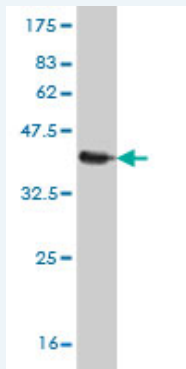
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant S100A11.
Immunogen:	S100A11 (AAH14354, 1 a.a. ~ 105 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAKISSPTETERCIESLIAVFQKYAGKDGNYNLSKTEFLSFMNTELAFT KNQKDPGVLDRMMKCLDTNSDGLDFSEFLNLIGGLAMACHDSFLKAVP SQKRT
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.29 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

1. [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. Mol Vis. 2011;17:2263-71. Epub 2011 Aug 20.

Applications

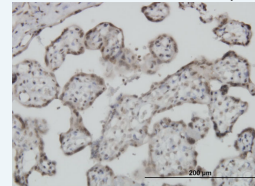
Western Blot (Recombinant protein)

[Protocol Download](#)

Application Image

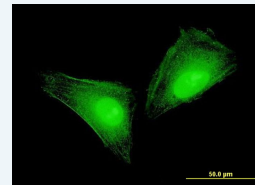
Western Blot (Recombinant protein)

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



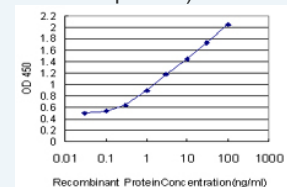
[enlarge](#)

Immunofluorescence



[enlarge](#)

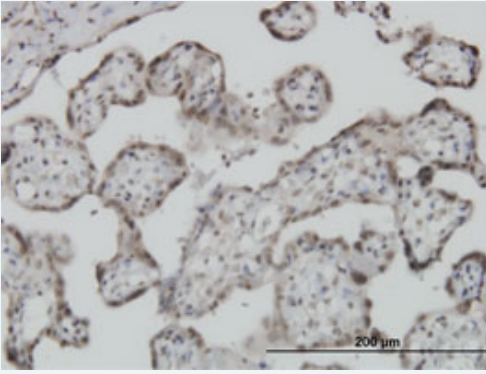
Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

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

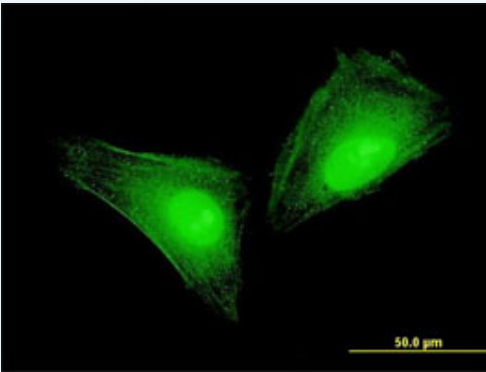


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to S100A11 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence

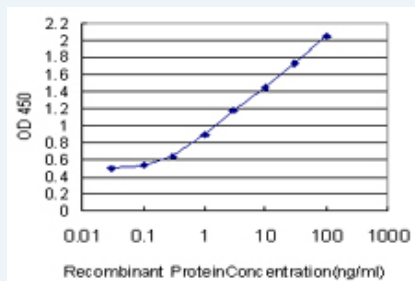


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to S100A11 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged S100A11 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6282](#)

GeneBank [BC014354](#)
Accession#:

Protein [AAH14354](#)
Accession#:

Gene Name: S100A11

Gene Alias: MLN70,S100C

Gene S100 calcium binding protein A11

Description:

Omim ID: [603114](#)

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 motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. [provided by RefSeq]

Other Designations: OTTHUMP00000015271,S100 calcium-binding protein A11 (calgizzarin),calgizzarin

Related Disease

[Tobacco Use Disorder](#)

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