

# S100A4 rabbit monoclonal antibody

Catalog # H00006275-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human S100A4 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human S100A4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human S100A4 peptide by ELISA and mammalian transfected lysate by Western Blot.
<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.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — S100A4

Entrez GeneID	<a href="#">6275</a>
GeneBank Accession#	<a href="#">S100A4</a>
Gene Name	S100A4
Gene Alias	18A2, 42A, CAPL, FSP1, MTS1, P9KA, PEL98
Gene Description	S100 calcium binding protein A4
Omim ID	<a href="#">114210</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 motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]</p>
Other Designations	<p>OTTHUMP00000015467 OTTHUMP00000015468 OTTHUMP00000015469 OTTHUMP00000032895 S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog) S100 calcium-binding protein A4 S100 calcium-binding protein A4 (calcium prote</p>

## Disease

- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)