

# Product Information

## Recombinant Anti-Human s100a4 Antibody

Cat. No.: **MOM-18609**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Mouse Antibody is specific to Human S100A4, expressed in Chinese Hamster Ovary cells(CHO)

### Antigen Description

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.

### Specific Activity

Tested positive against native antigen.

### Target

S100A4

### Immunogen

The details of the immunogen for this antibody are not available.

### Source

Mouse

### Species Reactivity

Human

### Type

IgG

### Expression Host

CHO

### Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

### Applications

Suitable for use in Neut, FuncS, ELISA, FC, ICC and most other immunological methods.

### Storage

At -20°C for one year.

## ANTIGEN GENE INFORMATION

### Gene Name

[S100A4 S100 calcium binding protein A4 \[ Homo sapiens \]](#)

**Official Symbol**

S100A4

**Synonyms**

S100A4; S100 calcium binding protein A4; CAPL, MTS1, S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog) , S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog); protein S100-A4; 18A2; 42A; fibroblast specific protein 1; FSP1; P9KA; PEL98; protein Mts1; fibroblast-specific protein-1; placental calcium-binding protein; malignant transformation suppression 1; leukemia multidrug resistance associated protein; S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog); CAPL; MTS1;

**Gene ID**

[6275](#)

**mRNA Refseq**

[NM\\_002961](#)

**Protein Refseq**

[NP\\_002952](#)

**MIM**

[114210](#)

**UniProt ID**

P26447

**Chromosome Location**

1q12-q22

**Function**

RAGE receptor binding; calcium ion binding; calcium-dependent protein binding; identical protein binding; protein binding;