

S100A4 (AB1589) mouse mAb

V0122

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 12 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1589

Immunogen A synthetic peptide corresponding to the amino acid region 50 - 101 of the human S100A4 protein.

Specificity The antibody can specifically recognize human S100A4 protein, and has no cross reaction with S100A1 or S100A6.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name S100A4

Protein Name S100A4

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P26447	6275

Background S100A4 protein is an important member of calcium binding protein S-100 family. It is a pro angiogenic factor. It can enhance the mobility of endothelial cells and reduce the production of angiogenesis inhibitors, so as to promote tumor angiogenesis, tumor invasion and metastasis. S100A4 can also be used as a prognostic factor for colon cancer, breast cancer and renal epithelial carcinoma.