

S100A6 (AB1590) mouse mAb

V0146

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 10 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 AB1590

Immunogen A synthetic peptide corresponding to the amino acid region 50 - 90 of the human S100A6 protein.

Specificity The antibody can specifically recognize human S100A6 protein.

Purification Affinity purification Protein A

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

Target Information

Gene name S100A6

Protein Name S100A6

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P06703	6277

Background S100A6 is a member of S100 protein family, which contains two EF hand calcium binding motifs. S100 protein is localized in the cytoplasm and / or nucleus of many cells and is involved in the regulation of many cellular processes, such as cell cycle progression and differentiation. S100 gene includes at least 13 members, which are located on chromosome 1q21 as a cluster. The protein may play a role in stimulating calcium dependent insulin release, prolactin secretion and exocytosis.