

Cytokeratin 10 (AB1252) mouse mAb

V0282

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 60 kDa (calculated)
- 70 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 AB1252

Immunogen A synthetic peptide corresponding to the amino acid region 500 - 584 of the human Cytokeratin 10 protein.

Specificity The antibody can specifically recognize human CK10 protein, and shows no cross reaction with CK4, 5, 6, 7, 8, 14, 15, 18, 19.

Purification Affinity purification Protein A

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

Target Information

Gene name KRT10

Protein Name Cytokeratin 10

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P13645	3858

Background CK10 is a type I cytokeratin with a molecular weight of 56.5 kDa, which is expressed in cells above the basal layer of stratified epithelium and keratinized epithelium. It plays a role in establishing epidermal barrier of plantar skin. The expression of CK10 is directly proportional to the degree of cell differentiation. Highly differentiated patients are often positive, which is mainly used for the diagnosis of squamous cell carcinoma