

Cytokeratin 17 (AB1523) mouse mAb

V0049

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 48 kDa (calculated)
- 48 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	AB1523
Immunogen	A synthetic peptide corresponding to the amino acid region 300 - 432 of the human Cytokeratin 17 protein.
Specificity	The antibody can specifically recognize human CK17 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	KRT17		
Protein Name	Cytokeratin 17		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q04695	3872

Background	CK17 is a cytokeratin with a molecular weight of 46 kDa. It mainly marks the basal cells of stratified epithelium and pseudostratified epithelium. It is also expressed in myoepithelial cells of various glands such as breast, sweat and saliva. It is mainly used for the diagnosis of lung, cervical and oral squamous cell carcinoma. In breast cancer, the positive expression of CK17 is associated with poor prognosis, high tumor grade and axillary lymph node metastasis.
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