

Cytokeratin 17 (AB1523) mouse mAb

W0306

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 48 kDa (calculated)
- 48 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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. In western blotting of Hela and A431 cell lysates, the antibody can label a 46 kDa band corresponding to CK17.

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.