

Cytokeratin 5/6 (AB1529) mouse mAb

W0317

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 60 kDa (calculated)
- 60;62 kDa (observed)

Isotype

- IgG2a, 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 AB1529

Immunogen Synthetic peptides corresponding to the C - terminal amino acids of human Cytokeratin 5 and the N - terminal amino acids of the human Cytokeratin 6 protein.

Specificity The antibody can recognize both human CK5 and CK6 protein, and shows no cross reaction with other types of cytokeratin. In western blotting of A431 cell lysate, there shows a 56 kDa band detected by the antibody.

Purification Affinity purification Protein A

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

Target Information

Gene name KRT5 KRT6A KRT6B KRT6C

Protein Name Cytokeratin 5/6

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P13647; P02538; P04259;	3852

Background

Cytokeratin 5/6 are high molecular weight keratins, which are normally expressed in squamous epithelium, basal cells of ductal epithelium, mesothelial cells, myoepithelium and basal cells of prostate, but not in glandular epithelium. Most adenocarcinoma are negative, and some adenocarcinoma can be weakly positive. The antibody is mainly used for the differential diagnosis of mesothelioma and adenocarcinoma, as well as the study of benign and malignant tumors of epithelial origin.