

Cytokeratin 16 (AB1255) mouse mAb

W0305

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 51 kDa (calculated)
- 55 kDa (observed)

Isotype

- IgG2b, 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 AB1255

Immunogen A synthetic peptide corresponding to the amino acid region 400 - 473 of the human Cytokeratin 16 protein.

Specificity The antibody can specifically recognize human CK16 protein, and shows no cross reaction with CK1, 5, 6, 7, 8, 10, 13, 14, 15, 19, 20.

Purification Affinity purification Protein A

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

Target Information

Gene name KRT16

Protein Name Cytokeratin 16

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P08779	3868

Background CK16 is a cytokeratin with a molecular weight of 48 kDa. It mainly marks keratinized and hyperplastic squamous epithelium and is used for the diagnosis of squamous cell carcinoma.