

Cytokeratin 20 (AB1245) mouse mAb

W0312

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 48 kDa (calculated)
- 48 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 AB1245

Immunogen A synthetic peptide corresponding to the amino acid region 300 - 424 of the human Cytokeratin 20 protein.

Specificity The antibody can specifically recognize human CK20 protein, and shows no cross reaction with CK1, 5, 6, 7, 8, 13, 14, 15, 17, 18.

Purification Affinity purification Protein A

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

Target Information

Gene name KRT20

Protein Name Cytokeratin 20

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P35900	54474

Background CK20 is a cytokeratin with a molecular weight of 46 kDa, which is mainly expressed in gastrointestinal epithelium, urethral epithelium and Merkel cells. It is mainly used for the diagnosis of gastrointestinal adenocarcinoma, ovarian mucinous tumor, Merkel cell carcinoma and cholangiopancreatic adenocarcinoma. CK20 was negative in squamous cell carcinoma, lung adenocarcinoma, endometrial adenocarcinoma, breast cancer, small cell lung cancer and ovarian non mucinous tumor. It is often used in combination with CK7 and villin to judge the tissue source of adenocarcinoma.