

Cytokeratin 18 (AB1251) mouse mAb

W0307

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 AB1251

Immunogen A synthetic peptide corresponding to the amino acid region 200 - 300 of the human Cytokeratin 18 protein.

Specificity The antibody can specifically recognize human CK18 protein, and shows no cross reaction with CK1, 5, 6, 7, 8, 10, 13, 14, 15, 19, 20. In western blotting of Hela and MCF7 cell lysates, the antibody can label a 45 kDa band corresponding to CK18.

Purification Affinity purification Protein A

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

Target Information

Gene name KRT18

Protein Name Cytokeratin 18

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P05783	3875

Background CK18 is a cytokeratin with a molecular weight of 45 kDa. It is mainly expressed in monolayer and pseudostratified epithelium, but negative in stratified squamous epithelium. It is expressed in glandular epithelium, transitional epithelium and hepatocytes. It is mainly used for the diagnosis of adenocarcinoma.