

Cytokeratin 6 (AB1249) mouse mAb

W0318

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 60 kDa (calculated)
- 60 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 AB1249

Immunogen A synthetic peptide corresponding to the amino acid region 2 - 100 of the human Cytokeratin 6 protein.

Specificity The antibody can specifically recognize human CK6 protein, and shows no cross reaction with CK5. In western blotting of Hela, A431, A549 and HEK293 cell lysates, the antibody can label a 56 kDa band corresponding to CK6 only in A431

Purification Affinity purification Protein A

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

Target Information

Gene name KRT6A

Protein Name Cytokeratin 6

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P02538; P04259; P48668;	

Background CK6 is a cytokeratin with a molecular weight of 56 kDa. It is a member of type II cytokeratin family. It is mainly expressed in stratified epithelium, such as oral mucosa and esophagus. Clinically, it is usually used in combination with CK5 to diagnose poorly differentiated squamous cell carcinoma.