

Cytokeratin 8&18 (AB1250) mouse mAb

W0309

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- kDa (calculated)
- 48;54 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 AB1250

Immunogen Synthetic peptides corresponding to the C - terminal amino acids of human Cytokeratin 8 and the amino acid region 200 - 300 of the human Cytokeratin 18 protein.

Specificity This product can specifically recognize human CK8 and CK18 protein. It is a cocktail of anti-CK8 and anti-CK18 monoclonal antibodies.

Purification Affinity purification Protein A

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

Target Information

Gene name KRT8
KRT18

Protein Name Cytokeratin 8&18

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P05787; P05783;	0

Background Cytokeratin 18 (CK18) , an intermediated filament protein with a molecular weight of 45 KD, belongs to type I cytokeratin family. Cytokeratin 8 (CK8) is an intermediated filament protein with a molecular weight of 52 KD. It is a member of cytokeratin type II family. They are widely expressed in monolayer epithelial cells of thyroid, breast, gastrointestinal tract and respiratory tract. Ck8/18 is often used as a useful marker to identify adenocarcinoma from simple epithelial cells.