

Cytokeratin 15 (AB1254) mouse mAb

W0304

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 49 kDa (calculated)
- 49 kDa (observed)

Isotype

- IgG1, 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 AB1254

Immunogen A synthetic peptide corresponding to the amino acid region 350 - 456 of the human Cytokeratin 15 protein.

Specificity The antibody can specifically recognize human CK15 protein. In immunohistochemistry on formalin-fixed, paraffin-embedded tissue sections, the antibody specifically labels the squamous epithelial cells and carcinomas, and shows no reactivity with keratinocytes.

Purification Affinity purification Protein A

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

Target Information

Gene name KRT15

Protein Name Cytokeratin 15

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P19012	3866

Background CK15 is a cytokeratin with a molecular weight of 50 kDa. It is mainly expressed in basal keratinocytes of stratified epithelium and is used for the diagnosis of squamous cell carcinoma.