

Cytokeratin 10 (AB2405) mouse mAb

W0451

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- WB; IF; ELISA

MW

- 60 kDa (calculated)
- 70 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

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	AB2405
Immunogen	A synthetic peptide corresponding to the amino acid region 100 - 200 of the human Cytokeratin 10 protein.
Specificity	This antibody detects endogenous levels of Cytokeratin 10.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	KRT10 KPP		
Protein Name	Cytokeratin 10		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P13645	3858

Background	This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21. [provided by RefSeq, Jul 2008],
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