

p63 (AB1576) mouse mAb

W0386

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 77 kDa (calculated)
- 77 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 AB1576

Immunogen A synthetic peptide corresponding to the amino acid region 600 - 680 of the human p63 protein.

Specificity The antibody can specifically recognize human p63 protein, including Δ Np63 and TAp63. In western blotting of A431, Hela cell lysates, the antibody can label a 77 kDa band corresponding to p63, while there is no band detected in p63

Purification Affinity purification Protein A

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

Target Information

Gene name TP63

Protein Name p63

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q9H3D4	8626

Background

P63 is a nuclear protein transcription factor located on chromosome 3q27-29. It is a member of p53 gene family and plays an important role in the growth and development of a variety of epithelial organs. P63 was localized in the basal cells of squamous epithelium and urethral epithelium, myoepithelial cells of breast, sweat gland and salivary gland, basal cells of prostate and basal cells of skin squamous epithelium. P63 is a marker of basal cell carcinoma, squamous cell carcinoma and urinary tract transitional cell carcinoma. It can be used in the study of primary skin tumors, metastatic adenocarcinoma, benign and malignant breast lesions and prostate cancer.