

p40 (AB1238) mouse mAb

V0427

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- Immunohistochemistry (IHC)

MW

- 77 kDa (calculated)
- 77; 69 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:50-1:100

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 AB1238

Immunogen A synthetic peptide corresponding to the amino acid region 1 - 100 of the human p40 protein.

Specificity The antibody can specifically recognize the human P40 (Δ Np63) protein, while it does not react with the TAp63 protein.

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 p40

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q9H3D4	8626

Background P40 (Δ Np63) is one of the subtypes of p63 protein and the main p63 isoform in basal cells / progenitor cells. It is expressed in urothelial cells and squamous cells, myoepithelial cells of breast, sweat gland and salivary gland, and basal cells of prostate. P40 has a high sensitivity similar to p63 in lung squamous cell carcinoma, but it is rarely expressed in lung adenocarcinoma, so P40 is used in the differential diagnosis of lung squamous cell carcinoma and lung adenocarcinoma.