

p40 (AB1573) mouse mAb

W0419

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

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

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:100-1:500 | 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	AB1573
Immunogen	A synthetic peptide corresponding to the amino acid region 1 - 100 of the human p40 protein.
Specificity	This antibody detects endogenous levels of p40 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	tumor protein p63 (TP63) Homo sapiens This gene encodes a member of the p53 family of transcription factors. The functional domains of p53 family proteins include an N-terminal transactivation domain, a central DNA-binding domain and an oligomerization domain. Alternative splicing of this gene and the use of alternative promoters results in multiple transcript variants encoding different isoforms that vary in their functional properties. These isoforms function during skin development and maintenance, adult stem/progenitor cell regulation, heart development and premature aging. Some isoforms have been found to protect the germline by eliminating oocytes or testicular germ cells that have suffered DNA damage. Mutations in this gene are associated with ectodermal dysplasia, and cleft lip/palate syndrome 3 (EEC3) ; split-hand/foot malformation 4 (SHFM4) ; ankyloblepharon-ectodermal defects-cleft lip/palate; W0419-V.2-EN
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ADULT syndrome (acro-dermato-ungual-lacrim