

Mouse anti-Human p40 Monoclonal Antibody | anti-p40 antibody

Mouse anti-p40 Monoclonal Antibody [BC28]

CATALOG # AAA213508	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

p40; Monoclonal Antibody; Mouse anti-p40 Monoclonal Antibody [BC28]; p63; p73H; p73L; RHS; SHFM4; Tumor protein p73-like; TP53L; transformation-related protein 63; tumor protein 63; tumor protein p53-competing protein; p53CP; TP53CP; TP73L; CUSP; p51; TP63; AIS; amplified in squamous cell carcinoma; B(p51A); chronic ulcerative stomatitis protein; EEC3; keratinocyte transcription factor KET; KET; LMS; NBP; OFC8; B(p51B); Tumor protein 63; tumor protein p63; anti-p40 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	BC28
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-p40 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human p40 by western blot. Samples: Whole cell lysate (50 ug) from MCF-7, RT-4, A2058, A-431, and BJ cells prepared using NETN lysis buffer. Antibody: Mouse anti-p40 monoclonal antibody [BC28] (AAA213508 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG . Detection: Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



IHC (Immunohistochemistry)

Detection of human p40 in lung carcinoma by IHC. Antibody: Mouse anti-p40 monoclonal antibody [BC28] (AAA213508). Secondary: HRP-conjugated goat anti-mouse IgG . Substrate: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-p40 antibody	Tumor protein p63 is 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. P63 is an extremely sensitive marker of lung squamous cell carcinoma, but it suffers from low specificity due to its reactivity in a substantial proportion of lung adenocarcinomas and other tumor types. P40 is a splice isoform of p63 known as DeltaNp63 and has been demonstrated to be highly specific for squamous/basal cells making it is markedly superior to p63 in specificity [adapted from NCBI Entrez Gene (Gene ID: 8626)].
Product Categories/Family for anti-p40 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543818
NCBI GeneID	8626
NCBI Accession #	NP_003713.3; NP_001108452.1
NCBI GenBank Nucleotide #	NM_003722.4
UniProt Accession #	Q9H3D4; O75080; O75195; O75922; O76078; Q6VEG2; Q6VEG3; Q6VEG4; Q6VFJ1; Q6VFJ2; Q6VFJ3; Q6VH20
Molecular Weight	65,288 Da
NCBI Official Full Name	tumor protein 63 isoform 1
NCBI Official Synonym Full Names	tumor protein p63
NCBI Official Symbol	TP63
NCBI Official Synonym Symbols	AIS; KET; LMS; NBP; RHS; p40; p51; p63; EEC3; OFC8; p73H; p73L; SHFM4; TP53L; TP73L; p53CP; TP53CP; B(p51A); B(p51B)
NCBI Protein Information	tumor protein 63
UniProt Protein Name	Tumor protein 63
UniProt Gene Name	TP63
UniProt Synonym Gene Names	KET; P63; P73H; P73L; TP73L; p63; CUSP; TP63; p73L
UniProt Entry Name	P63_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/p40-antibody-clone-bc28-immunohistochemistry-western-blot-elisa/213508>