

Mouse PTCH1 Monoclonal Antibody | anti-PTCH1 antibody

PTCH1 antibody

CATALOG # AAA107340	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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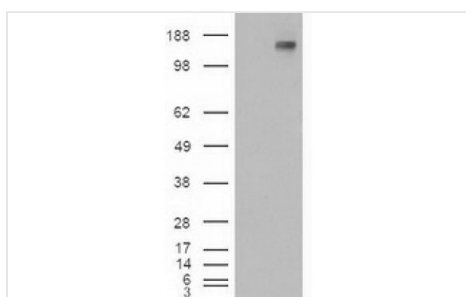
PRODUCT SYNONYMS

PTCH1; Monoclonal Antibody; PTCH1 antibody; Monoclonal PTCH1; Anti-PTCH1; Patched 1; PTCH 1; PTCH-1; anti-PTCH1 antibody

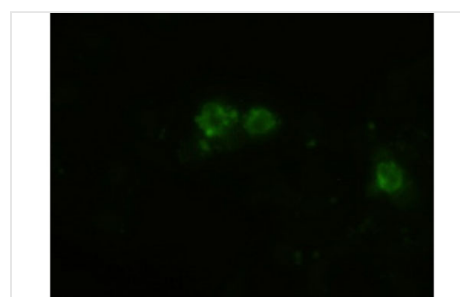
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3c2
Purity/Purification	PTCH1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	1296
Applicable Applications for anti-PTCH1 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	Mutations of the human Patched tumor suppressor gene (PTCH) have been identified in individuals with the nevoid basal cell carcinoma syndrome (NBCCS) as well as in sporadic basal cell carcinomas and medulloblastomas.
Cross-Reactivity	Human
Immunogen	PTCH1 antibody was raised in mouse using a recombinant protein expressed in E Coli corresponding to amino acids 122-436 of human Patched1 as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PTCH1 protein (Right) or empty vector (Left) detected with PTCH1 antibody


IF (Immunofluorescence)

Immunofluorescent staining of HeLa cells transiently transfected with recombinant PTCH1 protein using PTCH1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PTCH1 antibody	Mouse monoclonal PTCH1 antibody
Product Categories/Family for anti-PTCH1 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	134254468
NCBI GeneID	5727
NCBI Accession #	NP_001077074.1
NCBI GenBank Nucleotide #	NM_001083605.1
UniProt Accession #	Q13635; Q13463; Q5R1U7; Q5R1U9; Q5R1V0; Q5VZC0; Q5VZC2; Q86XG7; A3KBI9; E9PEJ8
Molecular Weight	144,356 Da
NCBI Official Full Name	protein patched homolog 1 isoform S
NCBI Official Synonym Full Names	patched 1
NCBI Official Symbol	PTCH1
NCBI Official Synonym Symbols	PTC; BCNS; HPE7; PTC1; PTCH; NBCCS; PTCH11
NCBI Protein Information	protein patched homolog 1
UniProt Protein Name	Protein patched homolog 1
UniProt Gene Name	PTCH1
UniProt Synonym Gene Names	PTCH; PTC; PTC1
UniProt Entry Name	PTC1_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/ptch1-antibody-clone-3c2-western-blot-immunofluorescence-elisa/107340>