

Mouse anti-Human ID1 Monoclonal Antibody | anti-ID1 antibody

Mouse monoclonal antibody Anti-Human ID1

CATALOG # AAA36499	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Dot Blot
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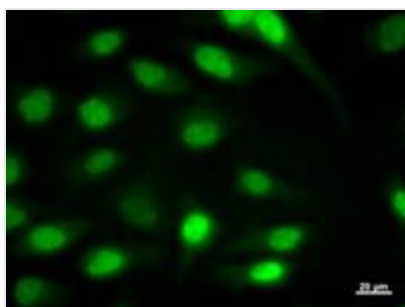
PRODUCT SYNONYMS

ID1; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human ID1; Homo sapiens inhibitor of DNA binding 1; dominant negative helixloop-helix protein (ID1); transcript variant 1; mRNA.; ID; anti-ID1 antibody

PRODUCT SPECIFICATIONS

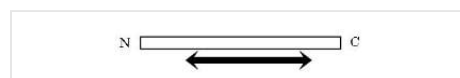
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2456C1a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	1000
Applicable Applications for anti-ID1 antibody	ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-ID1 mAb. [Lot No. 2456C1a-1]



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-ID1 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ID1 antibody

The protein encoded by this gene is a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic HLH family of transcription factors. The encoded protein has no DNA binding activity and therefore can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. This protein may play a role in cell growth, senescence, and differentiation. Two transcript variants encoding different isoforms have been found for this gene.[NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	341865544
NCBI GeneID	3397
NCBI Accession #	NP_002156.2
NCBI GenBank Nucleotide #	NM_002165
Molecular Weight	15,586 Da
NCBI Official Full Name	Homo sapiens inhibitor of DNA binding 1, dominant negative helix-loop-helix protein (ID1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein
NCBI Official Symbol	ID1
NCBI Official Synonym Symbols	ID; bHLHb24
NCBI Protein Information	DNA-binding protein inhibitor ID-1; class B basic helix-loop-helix protein 24; dJ857M17.1.2 (inhibitor of DNA binding 1, dominant negative helix-loop-helix protein); inhibitor of differentiation 1
UniProt Protein Name	DNA-binding protein inhibitor ID-1
UniProt Gene Name	ID1
UniProt Entry Name	ID1_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/id1-antibody-clone-2456c1a-immunocytochemistry-dot-blot-elisa/36499>