

Mouse anti-Human ID2 Monoclonal Antibody | anti-ID2 antibody

Mouse monoclonal antibody Anti-Human ID2

CATALOG # AAA36441	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Dot Blot
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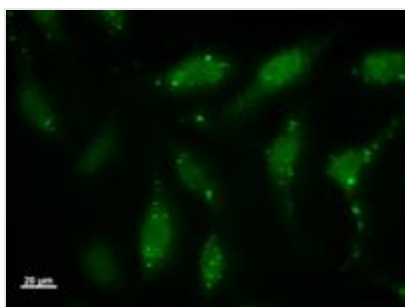
PRODUCT SYNONYMS

ID2; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human ID2; Homo sapiens inhibitor of DNA binding 2; dominant negative helix-loop-helix protein (ID2); GIG8; ID2A; ID2H; MGC26389; anti-ID2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2457C5a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	1402
Applicable Applications for anti-ID2 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



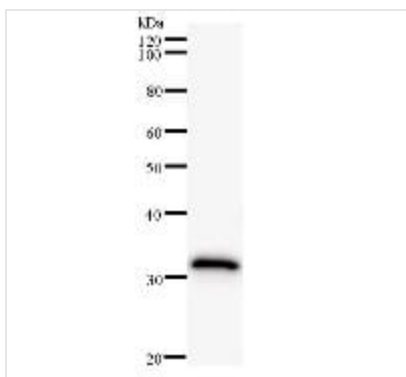
ICC (Immunocytochemistry)

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-ID2 mAb. [Lot No. 2457C5a-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-ID2 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ID2 antibody

The protein encoded by this gene belongs to the inhibitor of DNA binding (ID) family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the ID family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner by suppressing their heterodimerization partners through the HLH domains. This protein may play a role in negatively regulating cell differentiation. A pseudogene has been identified for this gene. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	33946335
NCBI GeneID	3398
NCBI Accession #	NP_002157.2
NCBI GenBank Nucleotide #	NM_002166
Molecular Weight	14,917 Da
NCBI Official Full Name	Homo sapiens inhibitor of DNA binding 2, dominant negative helix-loop-helix protein (ID2), mRNA
NCBI Official Synonym Full Names	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
NCBI Official Symbol	ID2
NCBI Official Synonym Symbols	GIG8; ID2A; ID2H; bHLHb26
NCBI Protein Information	DNA-binding protein inhibitor ID-2; DNA-binding protein inhibitor ID2; cell growth-inhibiting gene 8; class B basic helix-loop-helix protein 26; helix-loop-helix protein ID2; inhibitor of differentiation 2
UniProt Protein Name	DNA-binding protein inhibitor ID-2
UniProt Gene Name	ID2
UniProt Entry Name	ID2_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/id2-antibody-clone-2457c5a-immunocytochemistry-dot-blot-elisa/36441>