

Mouse ID2 Monoclonal Antibody | anti-ID2 antibody

ID2 antibody

CATALOG # AAA106500	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

ID2; Monoclonal Antibody; ID2 antibody; Monoclonal ID2; Anti-ID2; inhibitor of DNA binding 2 dominant negative helix-loop-helix protein; GIG8; ID2A; ID2H; MGC26389; ID 2; ID-2; anti-ID2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9A8
Purity/Purification	ID2 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	134
Applicable Applications for anti-ID2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	ID2 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.
Cross-Reactivity	Human
Immunogen	ID2 antibody was raised in mouse using a full length recombinant protein of human ID2 (NP_002157) produced in E Coli 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



IHC (Immunohistochemistry)

Immunohistochemical analysis of ID2 protein in paraffin embedded Carcinoma of Human liver tissue using ID2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ID2 protein (Right) or empty vector (Left) detected with ID2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ID2 antibody	Mouse monoclonal ID2 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31982933
NCBI GeneID	3398
NCBI Accession #	NP_002157
NCBI GenBank Nucleotide #	NM_002166.4
UniProt Accession #	Q02363
Molecular Weight	14,917 Da
NCBI Official Full Name	DNA-binding protein inhibitor ID-2
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
UniProt Protein Name	DNA-binding protein inhibitor ID-2
UniProt Gene Name	ID2
UniProt Synonym Gene Names	BHLHB26; bHLHb26
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-9a8-western-blot-immunohistochemistry-immunofluorescence-elisa/106500>