

Mouse ID3 Monoclonal Antibody | anti-ID3 antibody

ID3 antibody

CATALOG # AAA74692	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

ID3; Monoclonal Antibody; ID3 antibody; Monoclonal ID3; Anti-ID3; Inhibitor of DNA binding 3; Dominant negative helix-loop-helix protein; bHLHb25; Class B basic helix-loop-helix protein 25; Helix loop helix protein HEIR 1; ID 3; ID-3; anti-ID3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	15 E3
Purity/Purification	ID3 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	119
Applicable Applications for anti-ID3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Members of the ID family of helix-loop-helix (HLH) proteins lack a basic DNA-binding domain and inhibit transcription through formation of nonfunctional dimers that are incapable of binding to DNA.
Cross-Reactivity	Human
Immunogen	ID3 antibody was raised in mouse using a full length recombinant protein of human ID3 (NP_002158) produced in HEK293T cells, 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 ID3 protein in paraffin embedded Adenocarcinoma of Human breast tissue using ID3 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ID3 protein (Right) or empty vector (Left) detected with ID3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ID3 antibody	Mouse monoclonal ID3 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156119621
NCBI GeneID	3399
NCBI Accession #	NP_002158
NCBI GenBank Nucleotide #	NM_002167.4
UniProt Accession #	Q02535; O75641; A8K1T8
Molecular Weight	12,999 Da
NCBI Official Full Name	DNA-binding protein inhibitor ID-3
NCBI Official Synonym Full Names	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein
NCBI Official Symbol	ID3
NCBI Official Synonym Symbols	HEIR-1; bHLHb25
NCBI Protein Information	DNA-binding protein inhibitor ID-3
UniProt Protein Name	DNA-binding protein inhibitor ID-3
UniProt Gene Name	ID3
UniProt Synonym Gene Names	1R21; BHLHB25; HEIR1; bHLHb25
UniProt Entry Name	ID3_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.