

ID1 rabbit monoclonal antibody

Catalog # H00003397-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ID1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ID1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ID1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ID1

Entrez GeneID	3397
GeneBank Accession#	ID1
Gene Name	ID1
Gene Alias	ID, bHLHb24
Gene Description	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein
Omim ID	600349
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	DNA-binding protein inhibitor ID-1 OTTHUMP00000030534 OTTHUMP00000030535 dJ857M17.1.2 (inhibitor of DNA binding 1, dominant negative helix-loop-helix protein) inhibitor of DNA binding 1 inhibitor of differentiation 1

Pathway

- [TGF-beta signaling pathway](#)