

ID2 rabbit monoclonal antibody

Catalog # H00003398-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ID2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ID2 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 ID2 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 — ID2

Entrez GeneID	3398
GeneBank Accession#	ID2
Gene Name	ID2
Gene Alias	GIG8, ID2A, ID2H, MGC26389, bHLHb26
Gene Description	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
Omim ID	600386
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	DNA-binding protein inhibitor ID2 OTTHUMP00000140258 cell growth-inhibiting gene 8 helix-loop-helix protein ID2 inhibitor of DNA binding 2 inhibitor of differentiation 2

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)