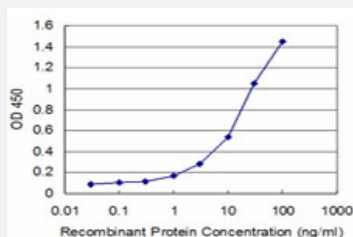


ID1 monoclonal antibody (M13), clone 3F8

Catalog # H00003397-M13

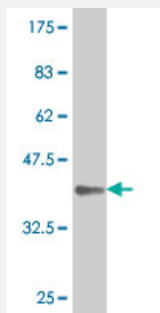
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ID1 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (38.1 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant ID1.

Immunogen

ID1 (NP_002156, 47 a.a. ~ 155 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

GGAGARLPALLDEQQVNVLLYDMNGCYSRLKELVPTLPQNRKVSKEILQHVITYRDLQLELNSE
SEVGTPGGRGLPVRAPLSTLNGEISALTAEACVPADDRILCR*

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.1 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ID1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ID1

Entrez GeneID

[3397](#)

GeneBank Accession#

[NM_002165](#)

Protein Accession#

[NP_002156](#)

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](#)