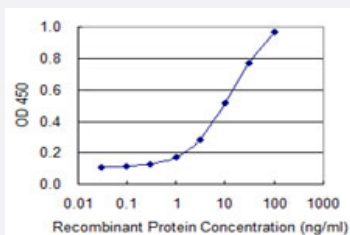


EGLN2 monoclonal antibody (M01), clone 2G3

Catalog # H00112398-M01

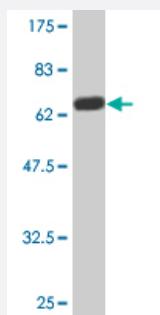
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EGLN2 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (70.51 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant EGLN2.

Immunogen

EGLN2 (AAH36051, 1 a.a. ~ 407 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MDSPCQPQPLSQALPQLPGSSSEPLEPEPGRARMGVESYLPCLLPSTYHCPGVSEASAGSGT
PRATATSTTASPLRDGFGGQDGGELRPLQSEGAALVTKGCQRLAAQGARPEAPKRKWAEDG
GDAPSPSKRPWARQENQEAEREGLMSCSSSGSGEASAGLMEEALPSAPERLALDYVPCMR
YYGICVKDSFLGAALGGRVLAEEVEALKRGGRLRDGQLVSQRAIPPSIRGDQIAWVEGHEPGCRSI
GALMAHVDVIRHCAGRLGSYVINGRTKAMVACYPGNGLGYVRHVDNPHGDGRCITCIYLNQNW
DVKVHGGLLQIFPEGRPVVANIEPLFDRLIFWSDRRNPHEVKPAYATRYAITVWYFDAKERA
AAKDKYQLASGQKGVQVPVSQPPTPT

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (88)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (70.51 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 EGLN2 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EGLN2

Entrez GeneID	112398
GeneBank Accession#	BC036051
Protein Accession#	AAH36051
Gene Name	EGLN2
Gene Alias	DKFZp434E026, EIT6, HIFPH1, HPH-3, PHD1
Gene Description	egl nine homolog 2 (C. elegans)
Omim ID	606424

Gene Ontology

[Hyperlink](#)

Gene Summary

The hypoxia inducible factor (HIF) is a transcriptional complex which is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this posttranslational modification. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

EGL nine (C.elegans) homolog 2|HIF prolyl hydroxylase 1|HIF-prolyl hydroxylase 1|estrogen-induced tag 6|hypoxia-inducible factor prolyl hydroxylase 1|prolyl hydroxylase domain-containing protein 1