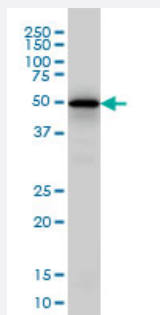


EGR1 monoclonal antibody (M07), clone 3G3

Catalog # H00001958-M07

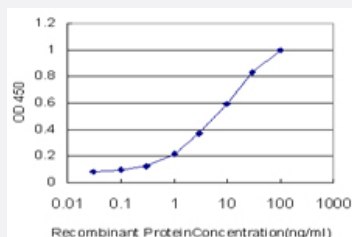
Size 100 ug

Applications



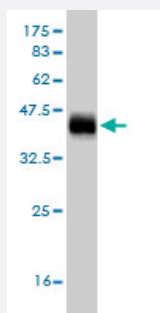
Western Blot (Cell lysate)

EGR1 monoclonal antibody (M07), clone 3G3 Western Blot analysis of EGR1 expression in Hela S3 NE (Cat # L013V3).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EGR1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant EGR1.

Immunogen	EGR1 (NP_001955, 444 a.a. ~ 543 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SPVATSYSPSPVTTSYPSPATTSYPSPVPTSFSSPGSSSTYPSPVHSGFPSPSPVATTYSSVPPAFPAQVSSFPSSAVTNSFSASTGLSDMTATFSPRTIEIC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (89)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Cell lysate)

EGR1 monoclonal antibody (M07), clone 3G3 Western Blot analysis of EGR1 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EGR1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EGR1

Entrez GeneID [1958](#)

GeneBank Accession#	NM_001964
Protein Accession#	NP_001955
Gene Name	EGR1
Gene Alias	AT225, G0S30, KROX-24, NGFI-A, TIS8, ZIF-268, ZNF225
Gene Description	early growth response 1
Omim ID	128990
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentiation and mitogenesis. Studies suggest this is a cancer suppressor gene. [provided by RefSeq]
Other Designations	early growth response protein 1 nerve growth factor-induced protein A transcription factor ETR103 zinc finger protein 225

Pathway

- [Prion diseases](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)
- [Rhinitis](#)
- [Schizophrenia](#)