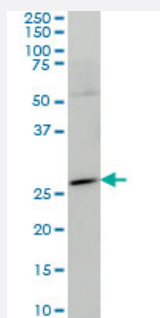


HES1 monoclonal antibody (M01), clone 4D9

Catalog # H00003280-M01

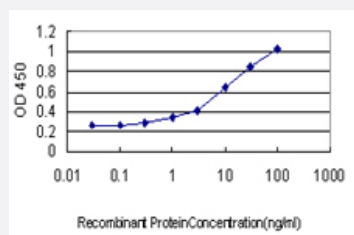
Size 100 ug

Applications



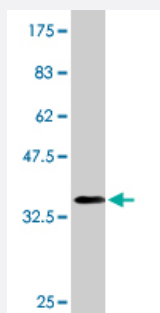
Western Blot (Cell lysate)

HES1 monoclonal antibody (M01), clone 4D9 Western Blot analysis of HES1 expression in THP-1 (Cat # L007V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HES1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.51 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant HES1.

Immunogen	HES1 (NP_005515, 36 a.a. ~ 142 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KSSKPIMEKRRRRARINESLSQLKTLILDALKKDSSRHSKLEKADILEMTVKHLRNLQRAQMTAALST DPSVLGKYRAGFSECMNEVTRFLSTCEGVNTEVTRLLGH
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 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 (Cell lysate)

HES1 monoclonal antibody (M01), clone 4D9 Western Blot analysis of HES1 expression in THP-1 (Cat # L007V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HES1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HES1

Entrez GeneID	3280
GeneBank Accession#	NM_005524
Protein Accession#	NP_005515

Gene Name	HES1
Gene Alias	FLJ20408, HES-1, HHL, HRY, bHLHb39
Gene Description	hairy and enhancer of split 1, (Drosophila)
Omim ID	139605
Gene Ontology	Hyperlink
Gene Summary	This protein belongs to the basic helix-loop-helix family of transcription factors. It is a transcriptional repressor of genes that require a bHLH protein for their transcription. The protein has a particular type of basic domain that contains a helix interrupting protein that binds to the N-box rather than the canonical E-box. [provided by RefSeq]
Other Designations	hairy and enhancer of split 1 hairy homolog transcription factor HES-1

Pathway

- [Maturity onset diabetes of the young](#)
- [Notch signaling pathway](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [NARP](#)