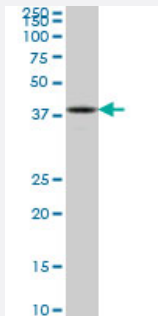


ASCL1 monoclonal antibody (M04), clone 1C5

Catalog # H00000429-M04

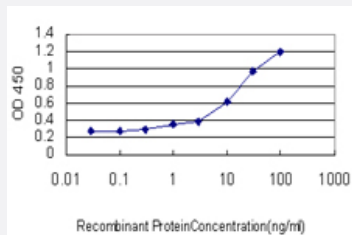
Size 100 ug

Applications



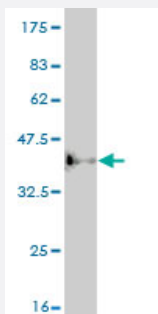
Western Blot (Cell lysate)

ASCL1 monoclonal antibody (M04), clone 1C5 Western Blot analysis of ASCL1 expression in A-549 (Cat # L025V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ASCL1 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ASCL1.

Immunogen	ASCL1 (NP_004307, 137 a.a. ~ 236 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GFATLREHVPNGAANKKMSKVETLRSAYEYRALQQLLDEHDAVSAAFQAGVLSPTISPNYSNDLNSMAGSPVSSYSSDEGSYDPLSPREEQLLDFTNWF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2b 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)

ASCL1 monoclonal antibody (M04), clone 1C5 Western Blot analysis of ASCL1 expression in A-549 (Cat # L025V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ASCL1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ASCL1

Entrez GeneID [429](#)

GeneBank Accession#	NM_004316
Protein Accession#	NP_004307
Gene Name	ASCL1
Gene Alias	ASH1, HASH1, MASH1, bHLHa46
Gene Description	achaete-scute complex homolog 1 (Drosophila)
Omim ID	100790 209880
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the basic helix-loop-helix (BHLH) family of transcription factors. The protein activates transcription by binding to the E box (5'-CANNTG-3'). Dimerization with other BHLH proteins is required for efficient DNA binding. This protein plays a role in the neuronal commitment and differentiation and in the generation of olfactory and autonomic neurons. Mutations in this gene may contribute to the congenital central hypoventilation syndrome (CCHS) phenotype in rare cases. [provided by RefSeq]
Other Designations	achaete scute protein achaete-scute complex homolog 1 achaete-scute complex-like 1

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Sudden Infant Death](#)