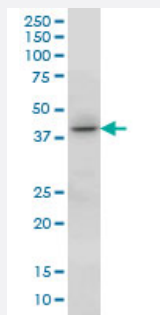


# HOXC13 monoclonal antibody (M01), clone 10D4

Catalog # H00003229-M01

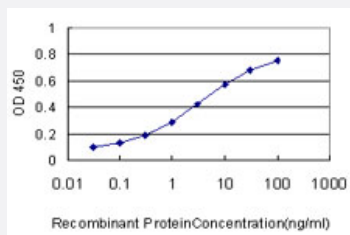
Size 100 ug

## Applications



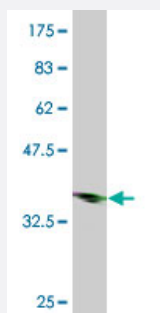
### Western Blot (Cell lysate)

HOXC13 monoclonal antibody (M01), clone 10D4 Western Blot analysis of HOXC13 expression in A-549 ( Cat # L025V1 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXC13 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant HOXC13.

<b>Immunogen</b>	HOXC13 (NP_059106, 132 a.a. ~ 231 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	CRLSHNVNLQQKPCAYHPGDKYPEPSGALPGDDLSSRAKEFAFYPSFASSYQAMPGYLDVSVV PGISGHPEPRHDALIPVEGYQHWALSNGWDSQVYCSK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (99)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

HOXC13 monoclonal antibody (M01), clone 10D4 Western Blot analysis of HOXC13 expression in A-549 ( Cat # L025V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXC13 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — HOXC13

Entrez GeneID [3229](#)

GeneBank Accession#	<a href="#">NM_017410</a>
Protein Accession#	<a href="#">NP_059106</a>
Gene Name	HOXC13
Gene Alias	HOX3, HOX3G
Gene Description	homeobox C13
Omim ID	<a href="#">142976</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the development of hair, nail, and filiform papilla. [provided by RefSeq]</p>
Other Designations	NUP98/HOXC13 homeobox 3G homeobox C13 homeobox protein Hox-C13

## Publication Reference

- [Palmitoylation Regulates Epidermal Homeostasis and Hair Follicle Differentiation.](#)

Mill P, Lee AW, Fukata Y, Tsutsumi R, Fukata M, Keighren M, Porter RM, McKie L, Smyth I, Jackson IJ.

PLoS Genetics 2009 Nov; 5(11):e1000748.

Application: IF, IHC-P, Mouse, Mouse hair follicles

- [Dlx3 is a crucial regulator of hair follicle differentiation and cycling.](#)

Hwang J, Mehrani T, Millar SE, Morasso MI.

Development 2008 Aug; 135(18):3149.