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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NKX2-5 monoclonal antibody (M03), clone 3A7

Catalog # : H00001482-M03

規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant NKX2-5.
Immunogen:	NKX2-5 (NP_004378, 1 a.a. ~ 130 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MFPSPALTPTPFVSVKDILNLEQQQRSLAAAGEL SARLEATLAPSSCMLAAFKPEAYAGPEAAAPGLPELRAELGRAPSPAKCASAFPAPAFYPRAYSDDPAKDPRAEKKELCALQKAVELEKTEADNA*
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (40.41 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

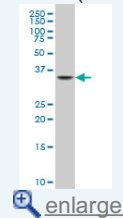
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

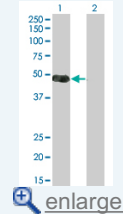
Application Image

Western Blot (Cell lysate)



[enlarge](#)

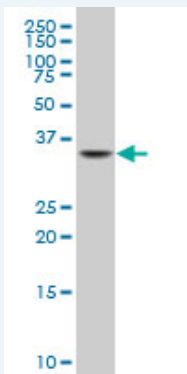
Western Blot (Transfected lysate)



[enlarge](#)

Western Blot (Recombinant protein)

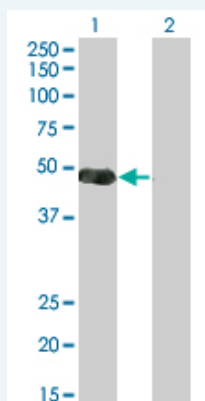
ELISA



NKX2-5 monoclonal antibody (M03), clone 3A7 Western Blot analysis of NKX2-5 expression in C32 (Cat # L002V1).

 [Protocol Download](#)


Western Blot (Transfected lysate)




Western Blot analysis of NKX2-5 expression in transfected 293T cell line by NKX2-5 monoclonal antibody (M03), clone 3A7.

Lane 1: NKX2-5 transfected lysate(34.9 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1482](#)

GeneBank [NM_004387](#)
Accession#:

Protein [NP_004378](#)
Accession#:

Gene Name: NKX2-5

Gene Alias: CHNG5,CSX,CSX1,NKX2.5,NKX2E,NKX4-1

Gene Description: NK2 transcription factor related, locus 5 (Drosophila)

Omim ID: [108900](#), [187500](#), [600584](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Homeobox-containing genes play critical roles in regulating tissue-specific gene expression essential for tissue differentiation, as well as

determining the temporal and spatial patterns of development (Shiojima et al., 1995 [PubMed 7665173]). It has been demonstrated that a Drosophila homeobox-containing gene called 'tinman' is expressed in the developing dorsal vessel and in the equivalent of the vertebrate heart. Mutations in tinman result in loss of heart formation in the embryo, suggesting that tinman is essential for Drosophila heart formation. Furthermore, abundant expression of Csx, the presumptive mouse homolog of tinman, is observed only in the heart from the time of cardiac differentiation. CSX, the human homolog of murine Csx, has a homeodomain sequence identical to that of Csx and is expressed only in the heart, again suggesting that CSX plays an important role in human heart formation.[supplied by OMIM

Other Designations: NK2 transcription factor homolog E, NK2 transcription factor related, locus 5, cardiac-specific homeo box, tinman paralog

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