Datasheet for ABIN514735

anti-NK2 Homeobox 5 antibody (AA 1-130)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	NK2 Homeobox 5 (NKX2-5)
Binding Specificity:	AA 1-130
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NK2 Homeobox 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	MFPSPALTPT PFSVKDILNL EQQQRSLAAA GELSARLEAT LAPSSCMLAA FKPEAYAGPE AAAPGLPELR AELGRAPSPA KCASAFPAAP AFYPRAYSDP DPAKDPRAEK KELCALQKAV ELEKTEADNA *
Clone:	3A7
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	NK2 Homeobox 5 (NKX2-5)
Alternative Name:	NKX2-5 (NKX2-5 Products)
Background:	Full Gene Name: NK2 transcription factor related, locus 5 (Drosophila) Synonyms: CHNG5,CSX,CSX1,NKX2.5,NKX2E,NKX4-1
Gene ID:	1482
NCBI Accession:	NM_004387
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

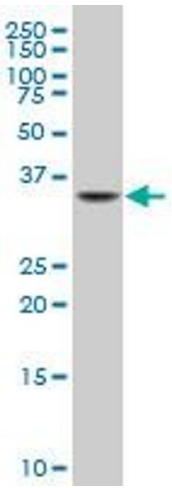
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

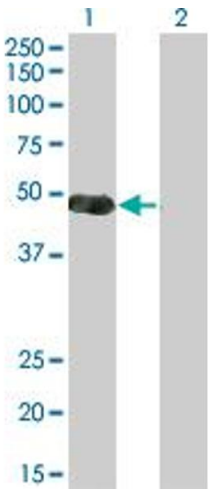
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. NKX2-5 monoclonal antibody (M03), clone 3A7 Western Blot analysis of NKX2-5 expression in C32 .

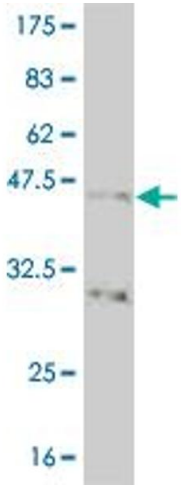


Western Blotting

Image 2. 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.



Western Blotting

Image 3. Western Blot detection against Immunogen (40.41 KDa) .

