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Datasheet for ABIN520932
anti-NKX2-1 antibody (AA 77-158)

2 Images

Overview

Quantity:	100 µg
Target:	NKX2-1
Binding Specificity:	AA 77-158
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NKX2-1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant NKX2-1.
Immunogen:	NKX2-1 (NP_003308, 77 a.a. ~ 158 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QLSHSAVGGY CNGNLGNMSE LPPYQDTMRN SASGPGWYGA NPDPRFPAIS RFMGPASGMN MSGMGGLGSL GDVSKNMAPL PS
Clone:	2B9
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	NKX2-1
Alternative Name:	NKX2-1 (NKX2-1 Products)
Background:	Full Gene Name: NK2 homeobox 1 Synonyms: BCH,BHC,NK-2,NKX2.1,NKX2A,TEBP,TITF1,TTF-1,TTF1
Gene ID:	7080
NCBI Accession:	NM_003317
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Systemic Arterial Blood Pressure by Hormones , Cellular Glucan Metabolic Process , Feeding Behaviour

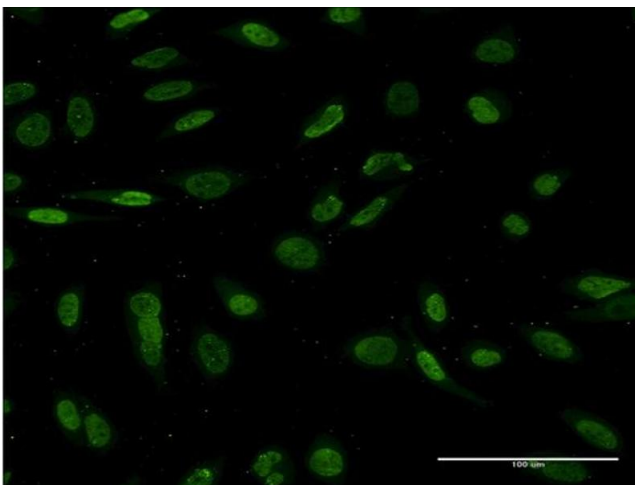
Application Details

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

Handling

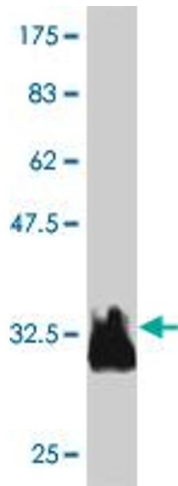
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to NKX2-1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 2. Western Blot detection against Immunogen (35.02 kDa).