

Nkx-2.5 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0944
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Nkx-2.5 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Homeobox protein Nkx-2.5
Synonyms	NKX2-5; CSX; NKX2.5; NKX2E; Homeobox protein Nkx-2.5; Cardiac-specific homeobox; Homeobox protein CSX; Homeobox protein NK-2 homolog E

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a homeobox-containing transcription factor. This transcription factor functions in heart formation and development. Mutations in this gene cause atrial septal defect with atrioventricular conduction defect, and also tetralogy of Fallot, which are both heart malformation diseases. Mutations in this gene can also cause congenital hypothyroidism non-goitrous type 5, a non-autoimmune condition. Alternative splicing results in multiple transcript variants.

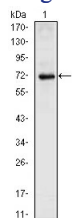
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Nkx-2.5 Monoclonal antibody against full-length NKX2.5 (aa1-324)-hIgGfc transfected HEK293 cell lysate (1).

Storage

-20°C for one year