

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.

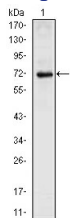
Recommended Dilution

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