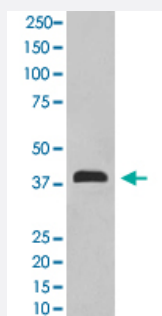


NKX2-1 monoclonal antibody, clone BIG-14

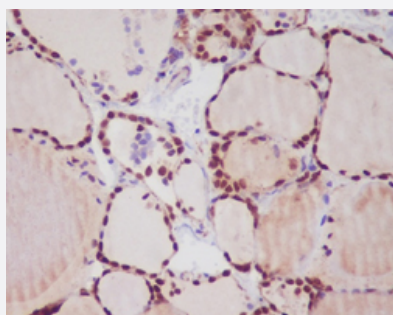
Catalog # MAB20818 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of 293 cell lysate with NKX2-1 monoclonal antibody, clone BIG-14 (Cat # MAB20818).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human thyroid with NKX2-1 monoclonal antibody, clone BIG-14 (Cat # MAB20818).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NKX2-1.
Immunogen	A synthetic peptide corresponding to human NKX2-1.
Host	Rabbit
Theoretical MW (kDa)	38.596
Reactivity	Human
Form	Liquid
Purification	Affinity purification

Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of 293 cell lysate with NKX2-1 monoclonal antibody, clone BIG-14 (Cat # MAB20818).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human thyroid with NKX2-1 monoclonal antibody, clone BIG-14 (Cat # MAB20818).

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — NKX2-1

Entrez GeneID	7080
Protein Accession#	P43699
Gene Name	NKX2-1
Gene Alias	BCH, BHC, NK-2, NKX2.1, NKX2A, TEBP, TITF1, TTF-1, TTF1
Gene Description	NK2 homeobox 1

Omim ID [118700 600635 610978](#)

Gene Ontology [Hyperlink](#)

Other Designations NK-2 homolog A|benign chorea|thyroid nuclear factor|thyroid transcription factor 1

Disease

- [Carcinoma](#)
- [Cell Transformation](#)
- [Colon cancer](#)
- [Congenital Hypothyroidism](#)
- [Foramen Ovale](#)
- [Genetic Predisposition to Disease](#)
- [Goiter](#)
- [Hirschsprung Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)