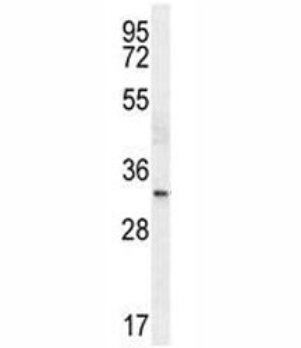
TTF-1 Antibody / NKX2.1 (F40894)

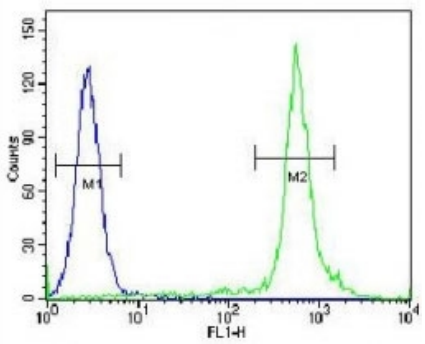
Catalog No.	Formulation	Size
F40894-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40894-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P43699
Applications	Western blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This TTF-1 antibody is available for research use only.



TTF-1 antibody western blot analysis in HeLa lysate.



TTF-1 antibody flow cytometric analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

This gene encodes a protein initially identified as a thyroid-specific transcription factor. NKX2.1/TTF-1 binds to thyroglobulin promoter and regulates the expression of thyroid-specific genes but has also been shown to regulate the expression of genes involved in morphogenesis. Mutations and deletions in this gene are associated with benign hereditary chorea, choreoathetosis, congenital hypothyroidism, and neonatal respiratory distress, and may be associated with thyroid cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Titration of the TTF-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 2-1 from the human protein was used as the immunogen for this TTF-1 antibody.

Storage

Aliquot the TTF-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering:Phone:858.663.9055 | Fax:1.267.821.0800 | Email:info@nsjbio.com