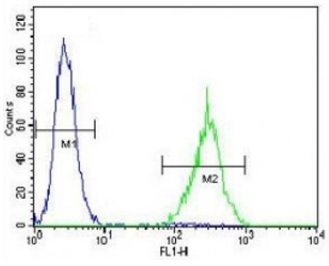
SOX1 Antibody (F41674)

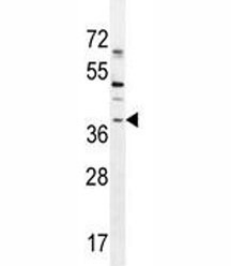
Catalog No.	Formulation	Size
F41674-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41674-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Primate, Chicken, Zebrafish, Xenopus
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O00570
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	This SOX1 antibody is available for research use only.



SOX1 antibody flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



SOX1 antibody western blot analysis in NCI-H460 lysate.

Description

This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development.

Application Notes

Titration of the SOX1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 47-76 from the human protein was used as the immunogen for this SOX1 antibody.

Storage

Aliquot the SOX1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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