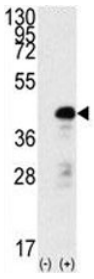
SOX2 Antibody (F47909)

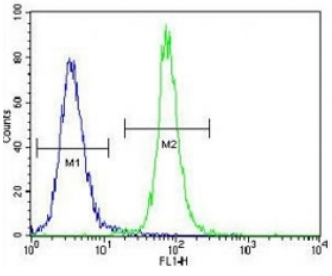
Catalog No.	Formulation	Size
F47909-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47909-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P48431
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	This SOX2 antibody is available for research use only.



Western blot analysis of SOX2 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SOX2 gene (2).



SOX2 antibody flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

SOX2 is a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. This protein may act as a transcriptional activator after forming a protein complex with other proteins. Mutations in the SOX2 gene have been associated with bilateral anophthalmia, a severe form of structural eye malformation.

Application Notes

Titration of the SOX2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This SOX2 antibody was produced from rabbits immunized with a recombinant protein of human SOX2.

Storage

Aliquot the SOX2 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
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