

SOX2 antibody

Cat. No. GTX18149

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, FCM
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	0.1-0.3µg/ml
ICC/IF	10µg/ml
FCM	10ug/ml

Not tested in other applications.

Calculated MW 34 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	TBS, 0.5% BSA
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide with sequence YNMMETELKPPGPQQ-C, from the N Terminus of the protein sequence according to NP_003097.1.
Purification	Ammonium sulphate precipitation followed by antigen-affinity chromatography From serum
Conjugation	Unconjugated

Note

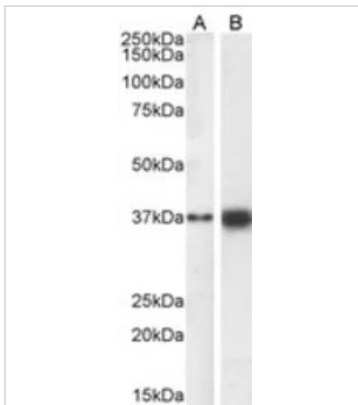
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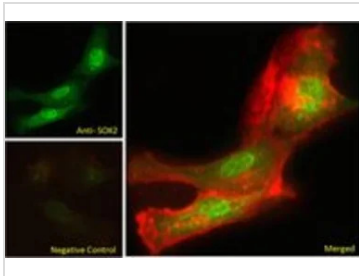
DATA IMAGES

**GTX18149 WB Image**

WB analysis of MCF7 nuclear (A) and U251 (B) cell lysate using GTX18149 SOX2 antibody.

Dilution : 0.3µg/ml

Loading : 35µg protein in RIPA buffer

**GTX18149 ICC/IF Image**

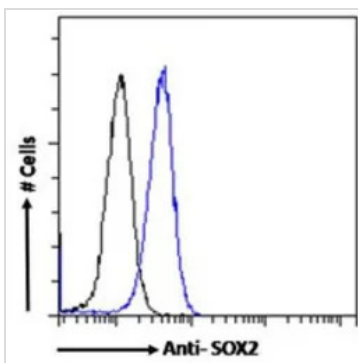
ICC/IF analysis of PFA-fixed U251 cells using GTX18149 SOX2 antibody.

Green : Primary antibody

Red : Actin

Permeabilization : 0.15% Triton

Dilution : 10µg/ml

**GTX18149 FCM Image**

FACS analysis of PFA-fixed MCF7 cells using GTX18149 SOX2 antibody.

Blue : Primary antibody

Black : Isotype control

Permeabilization : 0.5% Triton

Dilution : 10µg/ml



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