

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. (<u>Note</u>)

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	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

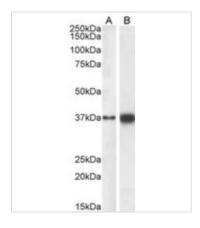


For full product information, images and publications, please visit our website.

Date 2025 / 05 / 20 Page 1 of 2



DATA IMAGES

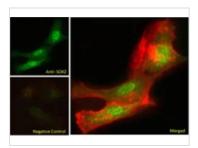


GTX18149 WB Image

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

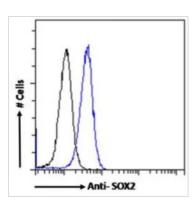
ICC/IF analysis of PFA-fixed U251 cells using GTX18149 SOX2 antibody.

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



For full product information, images and publications, please visit our <u>website</u>.

Date 2025 / 05 / 20 Page 2 of 2