

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

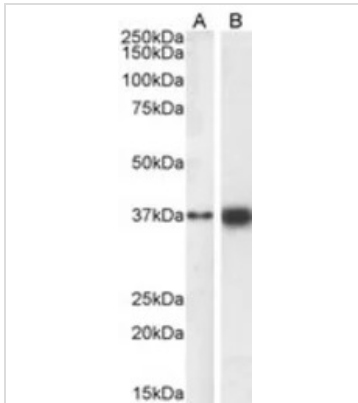
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DATA IMAGES

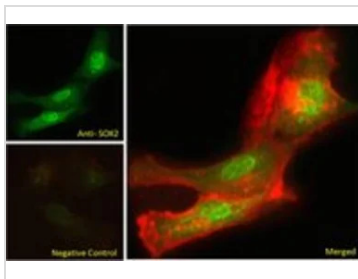


GTX18149 WB Image

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

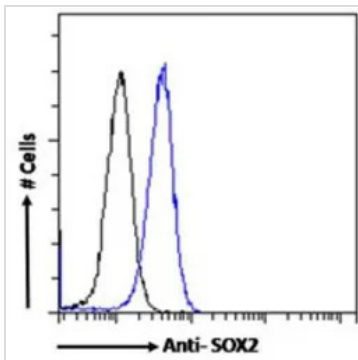
ICC/IF analysis of PFA-fixed U251 cells using GTX18149 SOX2 antibody.

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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