

## Anti-SOX2 antibody [2A10-F11-F12] (STJ99043)

STJ99043

### GENERAL INFORMATION

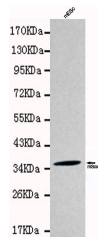
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Transcription Factor Sox-2 is suitable for use in Western Blot, Flow Cytometry and Immunocytochemistry research applications.
<b>Applications</b>	WB, FC, ICC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Mouse

### PRODUCT PROPERTIES

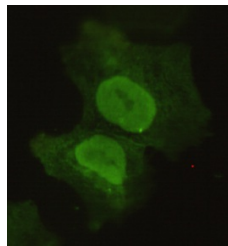
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	2A10-F11-F12
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:1000 ICC 1:150
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

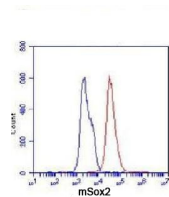
<b>Gene ID</b>	6657
<b>Gene Symbol</b>	SOX2
<b>Uniprot ID</b>	SOX2_HUMAN
<b>Immunogen</b>	Purified recombinant mouse Sox2 protein fragments expressed in E.coli
<b>Immunogen Region</b>	
<b>Specificity</b>	SOX2 monoclonal antibody (Transcription Factor Sox-2) binds to endogenous Transcription Factor Sox-2.
<b>Immunogen Sequence</b>	



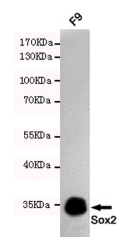
Western blot detection of Sox2 in mES cell lysates using Sox2 antibody (1:1000 diluted). Predicted band size: 35kDa. Observed band size: 35kDa. Kindly provided by Dr. Qiantong Li at the College of Life Sciences, Sichuan University.



Immunocytochemistry of COS7 cells using anti-Sox2 mouse mAb diluted 1:150.



Flow Cytometry analysis of F9 cells stained with Sox2 (red, 1/100 dilution), followed by FITC-conjugated goat anti-mouse IgG. Blue line histogram represents the isotype control, normal mouse IgG.



Western blot detection of Sox2 in F9 cell lysates using Sox2 mouse mAb (1:1000 diluted). Predicted band size: 35kDa. Observed band size: 35kDa.