

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

GENERAL INFORMATION

| | |
|---------------|--------------------|
| Product Type | Primary antibodies |
| Applications | WB/FC/ICC |
| Host / Source | Mouse |
| Reactivity | Mouse |

PRODUCT PROPERTIES

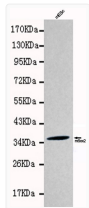
| | |
|---------------------|--|
| Clonality | Monoclonal |
| Concentration | 1 mg/mL |
| Conjugation | Unconjugated |
| Purification | The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen. |
| Dilution Range | WB 1:1000 ICC 1:150 |
| Formulation | Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide. |
| Isotype | IgG1 |
| Molecular Weight | Observed: 35kD |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

TARGET INFORMATION

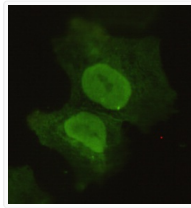
| | |
|-------------|---|
| Gene ID | 6657 |
| Gene Symbol | SOX2 |
| UniProt ID | SOX2_HUMAN |
| Specificity | This antibody detects endogenous levels of Sox2 and does not cross-react with related proteins. |

ADDITIONAL INFORMATION

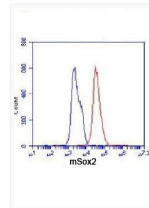
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



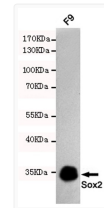
Western blot detection of Sox2 in mES cell lysates using Sox2 antibody (1:1000 diluted). Predicted band size: 35kDa, Observed band size: 35kDa. Kindly provided by Dr. Qintong Li at the College of Life Sciences, Sichuan University



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.