

Product Data Sheet: SOX2

Cat. No: MAB-90964

Conjugate: Unconjugated

Size: 100 ul

Clone: 10F10

Concentration: 1mg/ml

Host: Ms

Isotype: IgG1

Immunogen: Purified recombinant fragment of human SOX2 expressed in E. Coli.

Reactivity: Hu

Western Bloting: 1/250 - 1/1000. Immunohistochemistry: 1/100 - 1/500.

Applications: Immunofluorescence: 1/100 - 1/500. ELISA: Propose dilution 1/5000. Not yet

tested in other applications. Determining optimal working dilutions by titration

test.

Molecular Weight: Calculated MW: 34kDa Observed MW: ~65kDa

Purification: Aff. Pur.

Transcription factor that forms a trimeric complex with OCT4 on DNA and controls

the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic

stem cell pluripotency.

Form: Liquid

Background:

Buffer: Ascitic fluid containing 0.03% sodium azide.

Storage: Store at 4°, for long term storage, store at -20°.