



SOX2 Mouse Monoclonal Antibody

E10-20267

Background: SOX2: SRY (sex determining region Y)-box 2. Entrez Protein NP_003097. It is a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT).

Catalog Number: E10-20267

Amount: 100µg/100µl

Clone Number: 10F10C9

Species: Mouse IgG1

MW: 34.3kDa

Aliases: ANOP3; MCOPS3; MGC2413

Entrez Gene: 6657

Immunogen: Purified recombinant fragment of SOX2 (aa1-170) expressed in E. Coli.

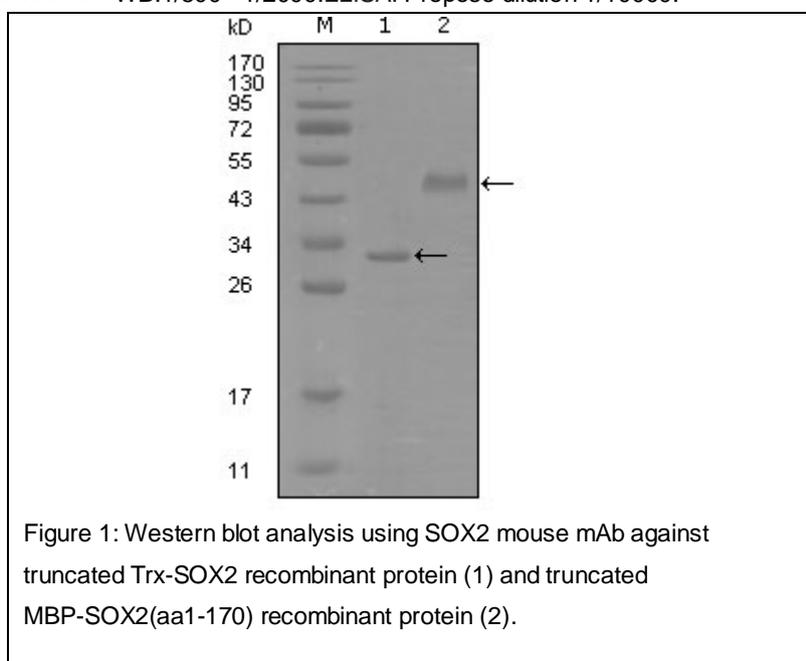
Storage: Store at 4 °C for long term storage, store at

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB:1/500 - 1/2000.ELISA: Propose dilution 1/10000.



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