



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to SOX-2

Catalog Number: MAB-606020267

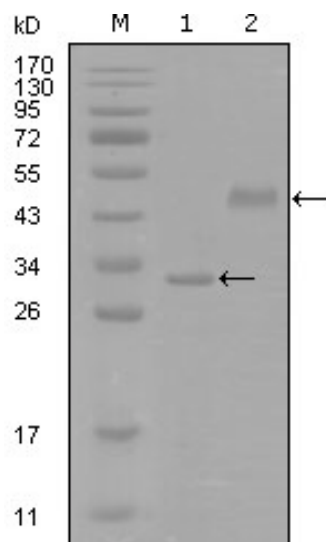


Figure 1: Western blot analysis using SOX2 mouse mAb against truncated Trx-SOX2 recombinant protein (1) and truncated MBP-SOX2(aa1-170) recombinant protein (2).

Lot#:
Clone#: 10F10C9
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 34.3kDa
Aliases: ANOP3; MCOPS3; MGC2413
Entrez Gene: 6657
Species reactivity: Human

Description 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).

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

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

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

Related product 1. Mab-2008046, Mouse Monoclonal Antibody to cMYC;
2. Mab-2008113, Mouse Monoclonal Antibody to LIN28;
3. Mab-2009011, Mouse Monoclonal Antibody to NANOG;

References 1. Exp Neurol. 2007 Apr;204(2):828-31.
2. Nature. 2008 Jan 10;451(7175):141-6.

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