



Mouse Monoclonal Antibody to SOX2

Catalogue Number	sAP-0496
Target Molecule	Name: SOX2 Aliases: lcc; ysb; Sox-2; Sox2 MW: 34kDa Entrez Gene ID: 20674
Description	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.
Immunogen	Purified recombinant fragment of human SOX2 expressed in E. Coli.
Recitative Species	Human
Clone	MM10F10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Proc Natl Acad Sci U S A. 2008 Nov 25;105(47):18396-401. ; 2. J Biol Chem. 2008 Nov 28;283(48):33730-5. ; 3. Nature. 2008 Oct 23;455(7216):1124-8.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**