

bsm-60788R**[Primary Antibody]**

Bioss
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

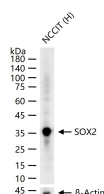
techsupport@bioss.com.cn

400-901-9800

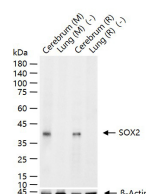
SOX2 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 6657**Target:** SOX2**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** PBS, Glycerol, BSA.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

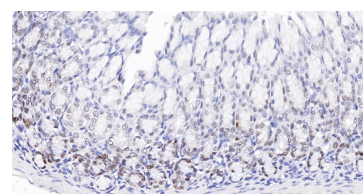
Background: This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and 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). [provided by RefSeq, Jul 2008].

Isotype: IgG**CloneNo.:** D1H6**SWISS:** P48431**Applications:** WB (1:1000-5000)**IHC-P** (1:200-800)**IHC-F** (1:200-800)**IF** (1:200-800)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 34 kDa**Subcellular Location:** Nucleus**— VALIDATION IMAGES —**

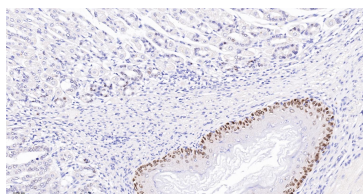
25 ug total protein per lane of various lysates (see on figure) probed with SOX2 monoclonal antibody, unconjugated (bsm-60788R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



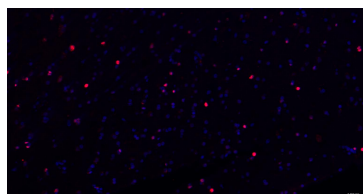
25 ug total protein per lane of various lysates (see on figure) probed with SOX2 monoclonal antibody, unconjugated (bsm-60788R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



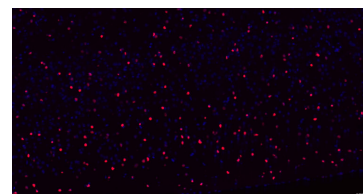
Paraformaldehyde-fixed, paraffin embedded Rat Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SOX2 Monoclonal Antibody, Unconjugated (bsm-60788R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SOX2 Monoclonal Antibody, Unconjugated (bsm-60788R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SOX2 Monoclonal Antibody, Unconjugated (bsm-60788R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SOX2 Monoclonal Antibody, Unconjugated (bsm-60788R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.