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## Product Datasheet

### Recombinant SOX2 (Embryonic Stem Cell Marker) Antibody, IgG1, Clone: [rSOX2/1791], Mouse, Monoclonal NBT-6657-MSM4-P1ABX

Article Name	Recombinant SOX2 (Embryonic Stem Cell Marker) Antibody, IgG1, Clone: [rSOX2/1791], Mouse, Monoclonal
Biozol Catalog Number	NBT-6657-MSM4-P1ABX
Supplier Catalog Number	6657-MSM4-P1ABX
Alternative Catalog Number	NBT-6657-MSM4-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human, Mouse
Immunogen	Recombinant fragment (within aa176-305) of human SOX2 protein (exact sequence is proprietary)
Product Description	SOX2 is required for stem cell maintenance in the central nervous system, and it also regulates gene expression in the stomach. SOX2 is necessary for regulating multiple transcription factors that affect Oct 3/4 expression. An essential function of S...
Clonality	Monoclonal
Clone Designation	[rSOX2/1791]
Molecular Weight	34kDa
Isotype	IgG1

NCBI	<a href="#">6657</a>
UniProt	<a href="#">P48431</a>
Form	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Antibody Type	Recombinant Monoclonal Antibody
Application Notes	Immunohistochemistry (Formalin-fixed, Not suitable for frozen tissues) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT fo