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## Product Datasheet

### **SOX-2 Antibody, Clone: [SOX2/1791], Unconjugated, Mouse, Monoclonal BYT-ORB750053**

Article Name	SOX-2 Antibody, Clone: [SOX2/1791], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	BYT-ORB750053
Supplier Catalog Number	orb750053
Alternative Catalog Number	BYT-ORB750053-100, BYT-ORB750053-20
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	ELISA, IHC-P, WB
Species Reactivity	Human, Mouse
Immunogen	Amino acids 176-305 of the human protein were used as the immunogen for the SOX-2 antibody.
Conjugation	Unconjugated
Product Description	SOX2 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. At present, 30 Sox genes have been identified. SOX2 is required for stem cell...
Clonality	Monoclonal
Clone Designation	[SOX2/1791]
UniProt	P48431

Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Application Dilute	ELISA: 2-4ug/ml (order BSA/azide-free format),Western blot: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application Notes	Application Notes: Optimal dilution of the SOX-2 antibody should be determined by the researcher.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min