

Product datasheet

anti-SOX-2 mouse monoclonal, IHC665, purified

Short overview

Cat. No.	691742
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	IHC665
Immunogen	Recombinant Human SOX-2
Formulation	Tris pH 7.3-7.7 with 1% BSA and 0.09% sodium azide
UniprotID	P48431 (Human)
Synonym	Transcription factor SOX-2, SOX2
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC
Reactivity	Human

Applications

Immunohistochemistry (IHC) - paraffin	1:50-1:200 (microwave treatment recommended)
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Background

SOX2, also known as SRY (Sex Determining Region Y)-Box 2, is a transcription factor that acts to regulate pluripotency of undifferentiated embryonic stem cells, and to regulate gene expression in the stomach. This diagnostic grade SOX2 IVD antibody is used to detect melanoma, testicular germ cell tumour, cervical carcinoma, lung cancer, breast cancer with basal cell phenotype, and teratoma of the central nervous system. SOX2 has been reported as a predictor of poor outcome in stage I lung adenocarcinomas. Anti-SOX2 is also used to recognize squamous cell carcinomas of the lung and gastrointestinal tract, and may be useful for detecting embryonal carcinoma.

Product images



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