Recombinant SOX9 / SRY-box 9 Antibody

Mouse Monoclonal Antibody [Clone rSOX9/2288]

Catalog No	Format	Size
6662-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6662-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6662-MSM6-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

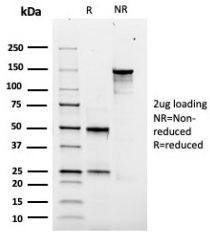
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	rSOX9/2288
Gene Name	SOX9
Immunogen	Recombinant human full-length SOX9 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	56kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Human skin hair follicles.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant SOX9 / SRY-box 9 Antibody



SDS-PAGE Analysis of Purified SOX9 Recombinant Mouse Monoclonal Antibody (rSOX9/2288). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

The specificity of this monoclonal antibody to its intended target was validated by HuProtTMArray, containing more than 19,000, full-length human proteins. Plays an important role in the normal skeletal development. May regulate the expression of other genes involved in chondrogenesis by acting as a transcription factor for these genes. Nucleus (Potential). Campomelic dysplasia (CMD1) [MIM:114290]: Rare, often lethal, dominantly inherited, congenital osteo-chondrodysplasia, associated with male-to-female autosomal sex reversal in two-thirds of the affected karyotypic males. A disease of the newborn characterized by congenital bowing and angulation of long bones, unusually small scapulae, deformed pelvis and spine and a missing pair of ribs. Craniofacial defects such as cleft palate, micrognathia, flat face and hypertelorism are common.

Supplied As

200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular, Developmental Biology, Mesenchymal Stem Cell Differentiation, Neural Stem Cells, Nuclear Marker, Signal Transduction, Stem Cell Differentiation, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.