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36-3173: Anti-SOX9 / SRY-box 9 Monoclonal Antibody(Clone: rSOX9/2288)(Discontinued)

Clonality :	Monoclonal
Clone Name :	rSOX9/2288
Application :	ELISA
Reactivity :	Human
Gene :	SOX9
Gene ID :	6662
Uniprot ID :	P48436
Alternative Name :	CMD 1; campomelic dysplasia autosomal sex reversal; SRA1; SRXX2; SRXY10; SRY (sex determining region Y) box 9; SRY related HMG box gene 9; Transcription factor SOX 9
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant human full-length SOX9 protein

Description

The specificity of this monoclonal antibody to its intended target was validated by HuProtTM Array, 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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/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.
Storage condition :	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.

Application Note

ELISA (Use Ab at 2-4µg/ml for coating); Immunoprecipitation (2-4µg/mg protein); Western Blot (0.5-1.0µg/ml); Optimal dilution for a specific application should be determined.

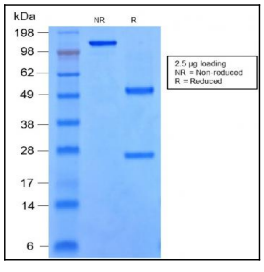

Fig. 1: SDS-PAGE Analysis of Purified SOX9 Monoclonal Antibody (rSOX9/2288). Confirmation of Integrity and Purity of the Antibody.