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36-3176: Anti-SOX9 / SRY-box 9 Monoclonal Antibody(Clone: SOX9/2287R)

Clonality: Monoclonal Clone Name: SOX9/2287R Application: ELISA.WB Reactivity: Human Gene: SOX9 Gene ID: 6662 **Uniprot ID:** P48436

CMD 1; campomelic dysplasia autosomal sex reversal; SRA1; SRXX2; SRXY10; SRY (sex **Alternative Name:**

determining region Y) box 9; SRY related HMG box gene 9; Transcription factor SOX 9

Isotype:

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

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS Content:

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order antibody without BSA);, Western Blot (1-2ug/ml);,

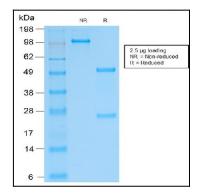


Fig. 1: SDS-PAGE Analysis Purified SOX9 Recombinant Rabbit Monoclonal Antibody (SOX9/2287R). Confirmation of Integrity and Purity of the Antibody.