

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

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| Clonality : | Monoclonal |
| Clone Name : | SOX9/2287R |
| Application : | ELISA,WB |
| 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 : | Rabbit IgG |
| Immunogen Information : | Recombinant human full-length SOX9 protein |

Description

The specificity of this monoclonal antibody to its intended target was validated by HuProt™ 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

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

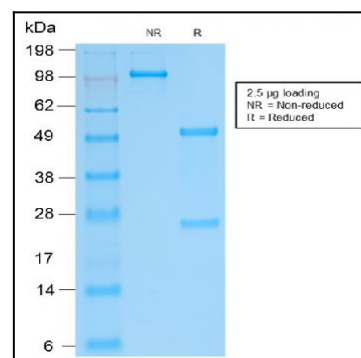


Fig. 1: SDS-PAGE Analysis Purified SOX9 Recombinant Rabbit Monoclonal Antibody (SOX9/2287R). Confirmation of Integrity and Purity of the Antibody.