
Product Name: KD-Validated HOXD9 Mouse Oligoclonal Antibody**Catalog #: KVA00353**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG
Clonality	Mouse oligoclonal antibody
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 36.5kDa

Antigen Information

Gene Name	HOXD9 HOXD9; Homeobox D9; HOX4C; Homeobox Protein Hox-5.2; Homeobox Protein Hox-D9;
Alternative Names	Homeobox Protein Hox-4C; Homeo Box D9; HOX4; Hox-4.3, Mouse, Homolog Of; Hox-4.3; Hox-5.2
Gene ID	3235.0
SwissProt ID	P28356
Immunogen	Recombinant protein of human HOXD9

Background

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox

gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The exact role of this gene has not been determined. [provided by RefSeq, Jul 2008]

Research Area

Stem Cells

Image Data

