

Datasheet for ABIN7126200 **anti-DMRT2 antibody**



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Overview

Quantity:	100 µg
Target:	DMRT2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DMRT2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human DMRT2 protein
Isotype:	IgG2b
Specificity:	The protein encoded by this gene belongs to the DMRT gene family, sharing a DM DNA-binding domain with Drosophila 'doublesex' (dsx) and C. elegans mab3, genes involved in sex determination in these organisms. Also, this gene is located in a region of the human genome (chromosome 9p24.3) associated with gonadal dysgenesis and XY sex reversal. Hence this gene is one of the candidates for sex-determining gene(s) on chr 9. Transcriptional activator that directly regulates early activation of the myogenic determination gene MYF5 by binding in a sequence-specific manner to the early epaxial enhancer element of it. Involved in somitogenesis during embryogenesis and somite development and differentiation into sclerotome and dermomyotome. Required for the initiation and/or maintenance of proper organization of the sclerotome, dermomyotome and myotome (By similarity).
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	DMRT2
Alternative Name:	DMRT2 (DMRT2 Products)
Background:	Doublesex and mab-3 related transcription factor 2, doublesex-like 2 protein (DSXL-2), terra like protein antibody,DMRT2 (Transcription Factor) Cellular localisation: Nucleus
Molecular Weight:	62kDa
Gene ID:	10655, 59506
UniProt:	Q9Y5R5

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), ,Western Blot (1-2 µg/mL), ,Optimal dilution for a specific application should be determined. Positive_Control: HeLa or MCF-7 cells.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months