

Mouse anti-Human DMRT2 Monoclonal Antibody | anti-DMRT2 antibody

DMRT2 (Transcription Factor) Mouse Monoclonal Antibody [Clone PCRP-DMRT2-1B11]

CATALOG # AAA215534	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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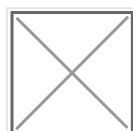
PRODUCT SYNONYMS

DMRT2; Monoclonal Antibody; DMRT2 (Transcription Factor) Mouse Monoclonal Antibody [Clone PCRP-DMRT2-1B11]; DMRT2 (Transcription Factor); doublesex and mab-3 related transcription factor 2; doublesex-like 2 protein (DSXL-2); terra like protein antibody; anti-DMRT2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b
Clone Number	PCRP-DMRT2-1B11
Form/Format	200ug/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.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-DMRT2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human DMRT2 protein
Cellular Localization	Nucleus
Positive Control	HeLa or MCF-7 cells.
Hu-chromosome Location	9p24.3
Unigene	59506
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric Analysis of PFA-fixed HeLa cells. DMRT2 Mouse Monoclonal Antibody (PCRP-DMRT2-1B11) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).

ADDITIONAL INFORMATION

Related Product Information for anti-DMRT2 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195947401
NCBI GeneID	10655
NCBI Accession #	NP_001124337.1
NCBI GenBank Nucleotide #	NM_001130865.2
UniProt Accession #	Q9Y5R5; Q9NPG6; Q9NQR6; B1ANC0; B9EGJ1
Molecular Weight	61,814 Da
NCBI Official Full Name	doublesex- and mab-3-related transcription factor 2 isoform 1
NCBI Official Synonym Full Names	doublesex and mab-3 related transcription factor 2
NCBI Official Symbol	DMRT2
NCBI Protein Information	doublesex- and mab-3-related transcription factor 2; DSXL-2; terra-like protein; doublesex-like 2 protein
UniProt Protein Name	Doublesex- and mab-3-related transcription factor 2
UniProt Gene Name	DMRT2
UniProt Synonym Gene Names	DSXL2; DSXL-2
UniProt Entry Name	DMRT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dmrt2-antibody-clone-pcrp-dmrt2-1b11-western-blot-flow-cytometry-elisa/215534>