

Mouse anti-Human ZNF408/PRDM17 Monoclonal Antibody | anti-ZNF408 antibody

ZNF408/PRDM17 (Transcription Factor) Mouse Monoclonal Antibody [Clone PCRP-ZNF408-1E5]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215995	Mouse	Human	Western Blot, Flow Cytometry, Functional Assay

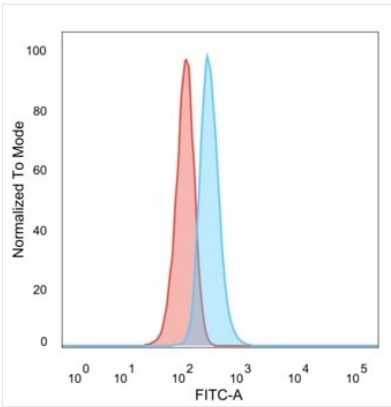
PRODUCT SYNONYMS

ZNF408/PRDM17; Monoclonal Antibody; ZNF408/PRDM17 (Transcription Factor) Mouse Monoclonal Antibody [Clone PCRP-ZNF408-1E5]; ZNF408/PRDM17 (Transcription Factor); EVR6; PFM14; PR domain zinc finger protein 17 (PRDM17); RP72; Zinc finger protein 408 (ZNF408); anti-ZNF408 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b
Clone Number	PCRP-ZNF408-1E5
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-ZNF408 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human ZNF408 protein
Cellular Localization	Nucleus
Positive Control	HeLa or Raji cells. Ubiquitous nuclear expression.
Hu-chromosome Location	11p11.2
Unigene	60300
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. ZNF408 Mouse Monoclonal Antibody (PCRP-ZNF408-1E5) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-ZNF408 antibody	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Kr ppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the Kr ppel C2H2-type zinc-finger protein family, ZNF396 (zinc finger protein 396), also known as PRDM17 (PR domain zinc finger protein 17), is a 720 amino acid nuclear protein that contains ten C2H2-type zinc fingers. The gene encoding ZNF408 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296080783
NCBI GeneID	79797
NCBI Accession #	NP_001171680
NCBI GenBank Nucleotide #	NM_001184751
UniProt Accession #	Q9H9D4
Molecular Weight	78,439 Da
NCBI Official Full Name	zinc finger protein 408 isoform 2
NCBI Official Synonym Full Names	zinc finger protein 408
NCBI Official Symbol	ZNF408
NCBI Protein Information	zinc finger protein 408; PR domain zinc finger protein 17
UniProt Protein Name	Zinc finger protein 408
UniProt Gene Name	ZNF408
UniProt Synonym Gene Names	PFM14; PRDM17
UniProt Entry Name	ZN408_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.

