

Mouse anti-Human, Mouse PRDM5 Monoclonal Antibody | anti-PRDM5 antibody

PRDM5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312025	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

PRDM5; Monoclonal Antibody; PRDM5 Antibody; BCS2 antibody; PFM 2 antibody; PFM2 antibody; PR domain containing 5 antibody; PR domain containing protein 5 antibody; PR domain zinc finger protein 5 antibody; PR domain-containing protein 5 antibody; PRDM 5 antibody; PRDM5 antibody; PRDM5 protein antibody; PRDM5_HUMAN antibody; anti-PRDM5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	12C-D4
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PRDM5 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



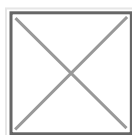
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with PRDM5 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



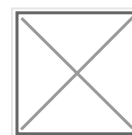
ICC (Immunocytochemistry)

ICC staining PRDM5 (green) and Actin filaments (red) in MCF-7 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of PRDM5 on HEK293 (1) and PRDM5-hlgFc transfected HEK293 (2) cell lysate using anti-PRDM5 antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of PRDM5 on human PRDM5 recombinant protein using anti-PRDM5 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDM5 antibody	A cDNA of PRDM5 was isolated based upon its homology to the PR domain of PRDM2. The gene encodes an open reading frame of 630 amino acids and contains a PR domain in the NH-terminal region followed by 16 zinc finger motifs. Through radiation hybrid analysis, PRDM5 was mapped to human chromosome 4q27, a region thought to contain tumor suppressor genes for ovarian, breast, lung, liver, colon, and other cancers. The gene has a CpG island promoter and is silenced in human breast, ovarian, and liver cancers. Upon infection of tumor cells, a recombinant adenovirus expressing PRDM5 causes G2/M arrest and apoptosis, suggesting that inhibition of PRDM5 may be involved in carcinogenesis.
Product Categories/Family for anti-PRDM5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	41349476
NCBI GeneID	11107
NCBI Accession #	NP_061169.2
NCBI GenBank Nucleotide #	NM_018699.3
UniProt Accession #	Q9NQX1; Q0VAI9; Q0VAJ0; Q6NXQ7
Molecular Weight	58,124 Da
NCBI Official Full Name	PR domain zinc finger protein 5 isoform 1
NCBI Official Synonym Full Names	PR domain containing 5
NCBI Official Symbol	PRDM5
NCBI Official Synonym Symbols	BCS2; PFM2
NCBI Protein Information	PR domain zinc finger protein 5
UniProt Protein Name	PR domain zinc finger protein 5
UniProt Gene Name	PRDM5
UniProt Synonym Gene Names	PFM2
UniProt Entry Name	PRDM5_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/prdm5-antibody-clone-12c-d4-flow-cytometry-immunocytochemistry-western-blot-elisa/312025>