

ARG45176 anti-PRDM5 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PRDM5
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	PRDM5
Species	Human
Immunogen	Recombinant protein containing to human PRDM5.
Conjugation	Un-conjugated
Alternate Names	PRDM5; PR domain containing 5; PR domain-containing protein 5; BCS2; PFM2; PR domain zinc finger protein 5; EC 2.1.1.-

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	2 µg/ml
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	75 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

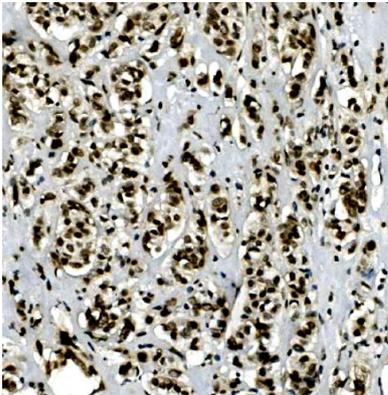
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

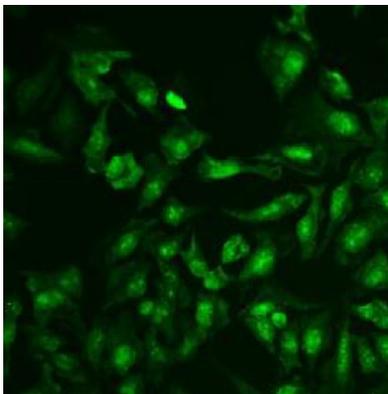
Gene Symbol	PRDM5
Gene Full Name	PR domain containing 5
Background	The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. [provided by RefSeq, Jul 2008]
Function	Sequence-specific DNA-binding transcription factor. Represses transcription at least in part by recruitment of the histone methyltransferase EHMT2/G9A and histone deacetylases such as HDAC1. Regulates hematopoiesis-associated protein-coding and microRNA (miRNA) genes. May regulate the expression of proteins involved in extracellular matrix development and maintenance, including fibrillar collagens, such as COL4A1 and COL11A1, connective tissue components, such as HAPLN1, and molecules regulating cell migration and adhesion, including EDIL3 and TGFB2. May cause G2/M arrest and apoptosis in cancer cells. [UniProt]
Calculated Mw	73 kDa
Cellular Localization	Nucleus. [UniProt]

Images



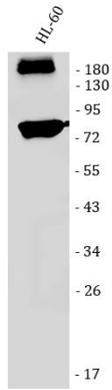
ARG45176 anti-PRDM5 antibody IHC-P image

Immunohistochemistry: Human mammary cancer stained with ARG45176 anti-PRDM5 antibody at 1 µg/ml dilution.



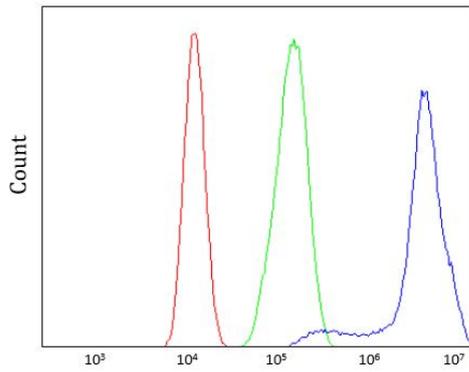
ARG45176 anti-PRDM5 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45176 anti-PRDM5 antibody at 2 µg/ml dilution.



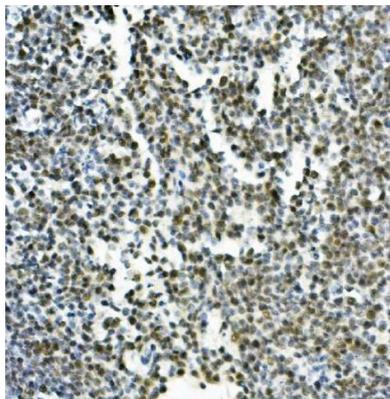
ARG45176 anti-PRDM5 antibody WB image

Western blot: HL-60 stained with ARG45176 anti-PRDM5 antibody at 0.25 $\mu\text{g/ml}$ dilution.



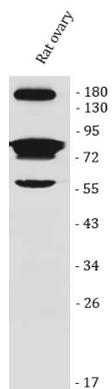
ARG45176 anti-PRDM5 antibody FACS image

Flow Cytometry: CACO-2 stained with ARG45176 anti-PRDM5 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



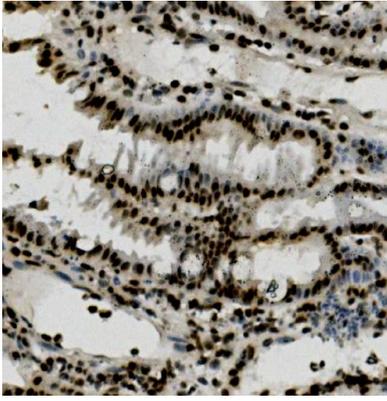
ARG45176 anti-PRDM5 antibody IHC-P image

Immunohistochemistry: Rat Intestinal lymph node stained with ARG45176 anti-PRDM5 antibody at 1 $\mu\text{g/ml}$ dilution.



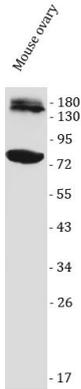
ARG45176 anti-PRDM5 antibody WB image

Western blot: Rat ovary stained with ARG45176 anti-PRDM5 antibody at 0.25 $\mu\text{g/ml}$ dilution.



ARG45176 anti-PRDM5 antibody IHC-P image

Immunohistochemistry: Mouse intestine stained with ARG45176 anti-PRDM5 antibody at 1 $\mu\text{g/ml}$ dilution.



ARG45176 anti-PRDM5 antibody WB image

Western blot: Mouse ovary stained with ARG45176 anti-PRDM5 antibody at 0.25 $\mu\text{g/ml}$ dilution.