



Datasheet for ABIN625828
anti-PRDM14 antibody (AA 414-427)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	PRDM14
Binding Specificity:	AA 414-427
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PRDM14 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	PRDM14 (aa414-427)
Immunogen:	YRDKHLKYTPCVDK
Sequence:	YRDKHLKYTP CVDK
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

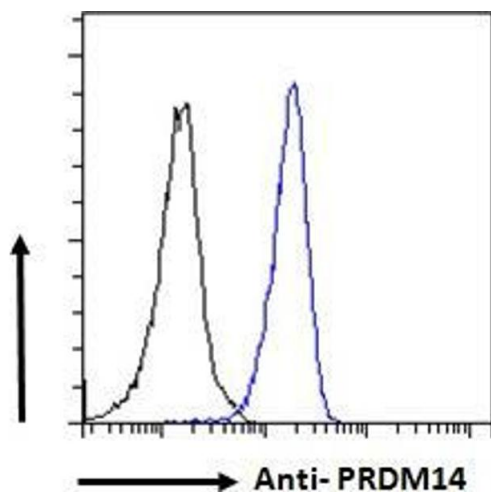
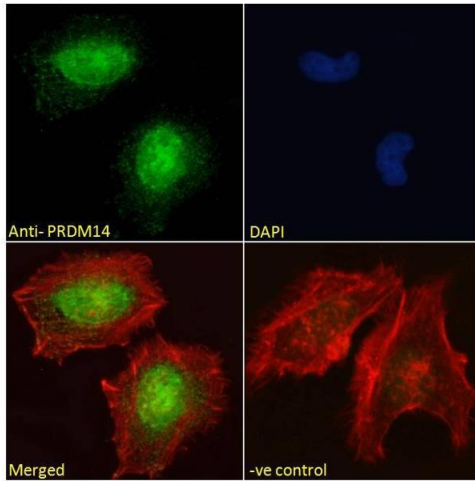
Target:	PRDM14
Alternative Name:	PRDM14 (PRDM14 Products)
Background:	PRDM14, PR domain containing 14, MGC59730, PFM11, PR domain zinc finger protein 14, PR domain-containing protein 14, PR-domain zinc finger protein 14
Gene ID:	63978, 383491, 100365184
NCBI Accession:	NP_078780

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 40 kDa band in Human Heart lysates after 0.1-1 µg/mL antibody staining and this band was successfully blocked by incubation with the immunizing peptide. Preliminary experiments also gave an approxand an Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the nuclei of HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. ABIN625828 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Flow Cytometry

Image 2. ABIN625828 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.