

Datasheet for ABIN570911
anti-PRDM1 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	PRDM1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PRDM1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	PRDM1 / BLIMP1
Immunogen:	Peptide with sequence C-KVKQETVEPMDP, from the C Terminus of the protein sequence according to NP_001189.2, NP_878911.1.
Sequence:	KVKQETVEPM DP
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001189.2 and NP_878911.1).
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.

Product Details

Grade: Verified

Target Details

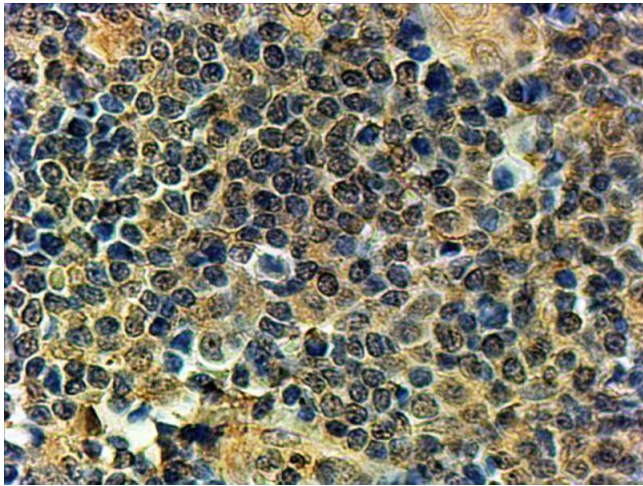
Target:	PRDM1
Alternative Name:	PRDM1 (PRDM1 Products)
Background:	PRDM1, PR domain containing 1, with ZNF domain, RP1-134E15.1, BLIMP1, MGC118922, MGC118923, MGC118924, MGC118925, PRDI-BF1, B-lymphocyte-induced maturation protein 1, PR domain containing 1, with ZNF domain, isoform 2, PR-domain zinc finger protein 1, PRD
Gene ID:	639, 12142
NCBI Accession:	NP_001189 , NP_878911
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the Nucleus of A431 cells. Recommended concentration: 10µg/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.

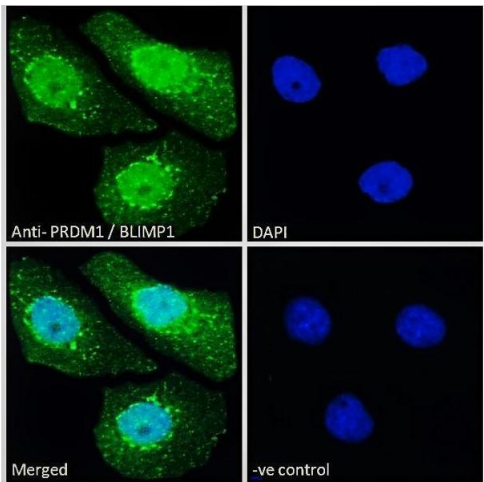


Immunohistochemistry

Image 1. ABIN570911 (2µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. This data is from a previous batch, not on sale.



Image 2. ABIN570911 (1 µg/mL) staining of Human Brain (cerebellum) lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunofluorescence

Image 3. ABIN570911 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).