

Datasheet for ABIN363225
anti-PRDM1 antibody (AA 199-409)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mL
Target:	PRDM1
Binding Specificity:	AA 199-409
Reactivity:	Human, Mouse, Pig
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	A fragment of the mouse Blimp-1 (residues 199-409)
Clone:	3H2-E8
Isotype:	IgG1
Specificity:	Reacts with ~98 kDa BLIMP-1 from mouse, pig and human
Cross-Reactivity (Details):	May cross reacts with the beta form (~80 kDa).
Purification:	Purified (protein G)

Target Details

Target:	PRDM1
Alternative Name:	B Lymphocyte-Induced Maturation Protein-1 (BLIMP-1) (PRDM1 Products)

Target Details

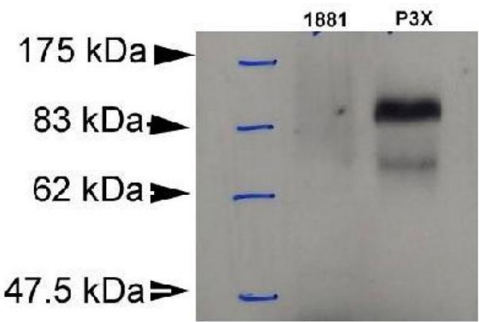
Background:	Blimp-1 (B lymphocyte maturation protein-1) is a nuclear protein with five zinc fingers in its carboxy terminus. It is a transcriptional repressor that is both required and sufficient to trigger terminal differentiation of B lymphocytes and monocyte/macrophages. Blimp-1 is expressed in, and may be required for terminally differentiated epithelial cells, retinal neurons and other lineage cells. Blimp-1 has also been implicated in the repression of beta-interferon (IFN-beta) and c-myc gene expression.
Gene ID:	639
UniProt:	O75626
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : - ELISA: 1/100 to 1/2000 - ICC/ IF: 1/50 to 1/100 - IHC: 1/200 - FC: 8 µg/mL (for 2 x 10E6 cells/mL) - WB: 1/1000
Restrictions:	For Research Use only

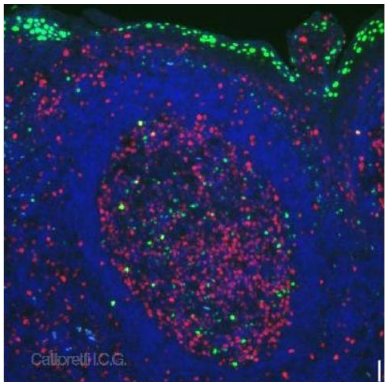
Handling

Format:	Liquid
Concentration:	1.2 mg/mL
Buffer:	, Sodium azide 0.1 %
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	6 months



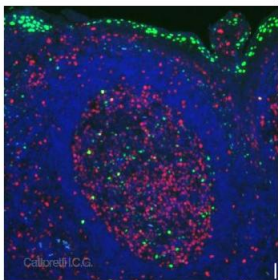
Detection of Blimp-1 in murine plasmacytoma cell lysate (P3X) using mab50071
1881: murine pre-B cell lysate (negative control)
Photo courtesy of DA Savitsky, Columbia University

Image 1.

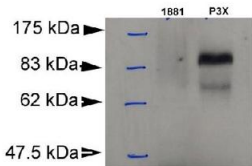


Double IF for Blimp-1 (green) and Ki-67 (proliferation, red) with DAPI counterstain, at 10x magnification (scale bar is 10 μ m)
Positive surface epithelium and centrocytes are labelled
Photo courtesy of Dr. Giorgio Cattoretti, Institute for Cancer Genetics, Columbia University, NY

Image 2.



Double IF for Blimp-1 (green) and Ki-67 (proliferation, red) with DAPI counterstain, at 10x magnification (scale bar is 10 μ m)
Positive surface epithelium and centrocytes are labelled
Photo courtesy of Dr. Giorgio Cattoretti, Institute for Cancer Genetics, Columbia University, NY



Detection of Blimp-1 in murine plasmacytoma cell lysate (P3X) using mab50071
1881: murine pre-B cell lysate (negative control)
Photo courtesy of DA Savitsky, Columbia University

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN363225.