

PRDM1/Blimp-1

CONTACT INFORMATION:	Monoclonal Antibodies Unit. Centro Nacional de Investigaciones Oncológicas
STATUS:	Validated
TYPE:	mouse anti mouse
CLONE NAME:	ROS195
PROTEIN:	Human full length PRDM1
PROTEIN WEB:	http://www.ncbi.nlm.nih.gov/omim/603423
ANTIGEN USED:	GST-PRDM1 recombinant protein
FUSION PARTNER:	NS1/Ag4-1 (NS1) cells
ISOTYPE:	IgG1
SPECIES REACTIVITY:	human and mouse
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze
APP RECOMMENDED:	IHQ-paraffin, IF, WB, IP, Flow cytometry
APP NO TESTED:	IHQ-frozen

DESCRIPTION

B lymphocyte-induced maturation protein-1 (Blimp-1) is a 98-kDa protein containing five Kruppel-type zinc fingers that confer sequence specific DNA binding. Based on studies in B cell lines, Blimp-1 has been postulated to be a master regulator of terminal B cell differentiation. In the BCL-1 lymphoma model of differentiation from a mature B cell to a plasma cell, ectopic expression of Blimp-1 is sufficient to cause terminal differentiation evidenced by loss of surface Ig, IgM secretion, expression of syndecan-1 on the cell surface, and cessation of cell division.

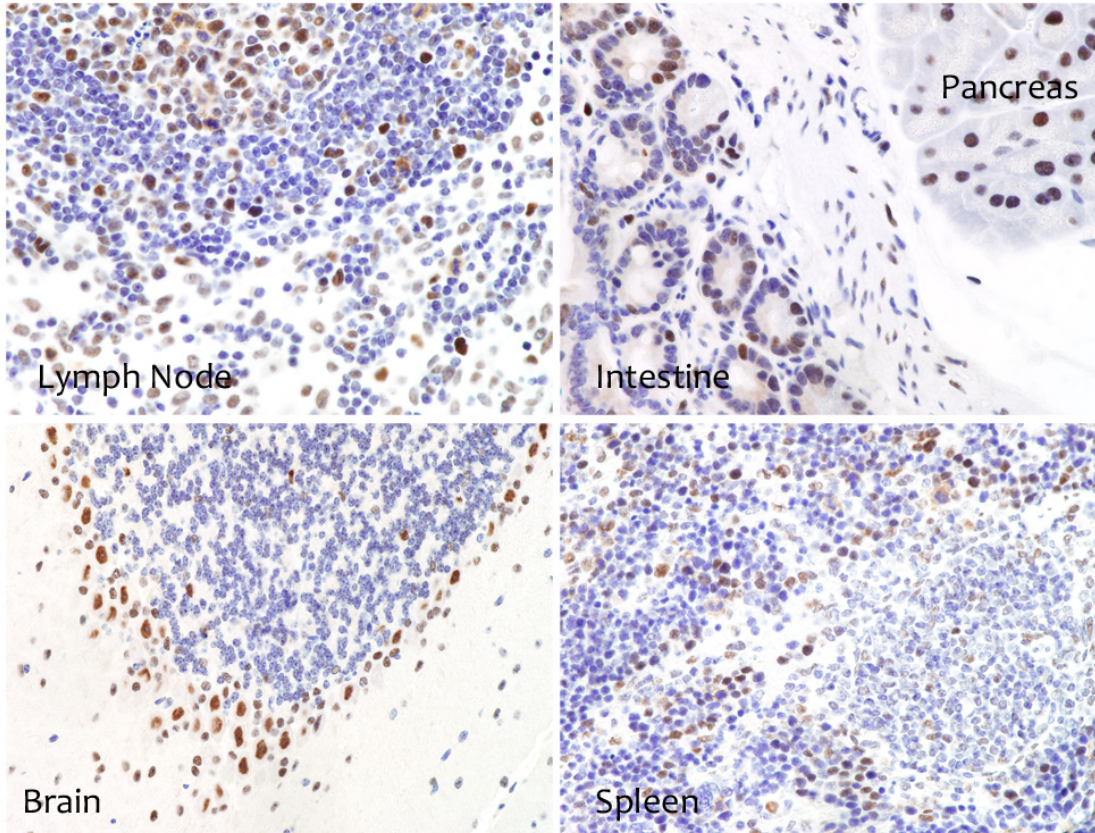
PUBLICATION DESCRIBING ANTIBODY CHARACTERIZATION/VALIDATION

Garcia JF, Roncador G, Garcia JF, Sanz AI, Maestre L, Lucas E, Montes-Moreno S, Fernandez Victoria R, Martinez-Torrecedrara JL, Marafioti T, Mason DY, Piris MA. PRDM1/BLIMP-1 expression in multiple B and T-cell lymphoma. *Haematologica*. 2006. Apr; 91(4):467-74.

APPLICATIONS

Monoclonal Antibodies Catalogue

IHC Techniques	Clone	Dilution	Antibody concentration	Antigen retrieval method	Visualization kit	Positive control	Negative control	Protein localization	Positivity in other species
Frozen tissue and cytopspins									
Paraffin tissue									
Recommended	ROS	neat	supernatant	Discovery Xt CC1 OmniMap	Ventana	lymph node	muscle	nuclear	human
Immunofluorescence									



MAb ROS195 in mouse tissue