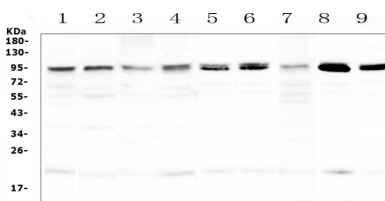
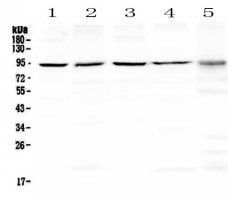


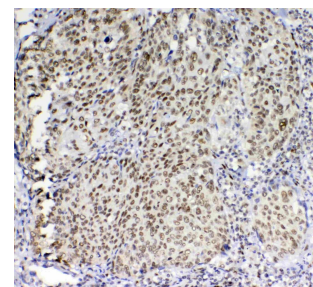
Cat. No:	AB-84143
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	E. coli-derived human PRDM1/Blimp1 recombinant protein.
Reactivity:	Hu, Ms, Rt
Applications:	Western blot: 0.1-0.5µg/ml Immunohistochemistry(Paraffin-embedded Section): 0.5-1µg/ml ELISA: 0.1-0.5µg/ml
Purification:	Aff. Pur.
Background:	PR domain zinc finger protein 1 also known as BLIMP-1 is a protein that in humans is encoded by the PRDM1 gene. This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported.
Form:	Liquid
Buffer:	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Storage:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.



Western blot analysis of PRDM1/Blimp1 using anti-PRDM1/Blimp1 antibody.
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.
Lane 1: rat thymus tissue lysates,
Lane 2: rat spleen tissue lysates,
Lane 3: rat stomach tissue lysates,
Lane 4: rat lung tissue lysates,
Lane 5: mouse thymus tissue lysates,
Lane 6: mouse spleen tissue lysates,
Lane 7: mouse stomach tissue lysates,



Western blot analysis of PRDM1/Blimp1 using anti-PRDM1/Blimp1 antibody
Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.
Lane 1: human HeLa whole cell lysates,
Lane 2: human A549 whole cell lysates,
Lane 3: human 293T whole cell lysates,
Lane 4: human MCF-7 whole cell lysates,
Lane 5: human 22RV1 whole cell lysates.
After Electrophoresis, proteins were transferred to a

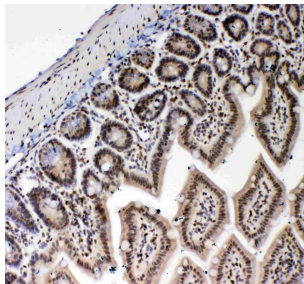


IHC analysis of PRDM1/Blimp1 using anti-PRDM1/Blimp1 antibody PRDM1/Blimp1 was detected in paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum.
The tissue section was then incubated with 1µg/ml rabbit anti-PRDM1/Blimp1 Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The

Lane 8: mouse lung tissue lysates,
Lane 9: mouse HEPA1-6 whole cell
lysates.

After Electrophoresis, proteins were
transferred to a
Nitrocellulose membrane at 150mA for
50-90 minutes. Blocked
the membrane with 5% Non-fat Milk/ TBS
for 1.5 hour at RT.

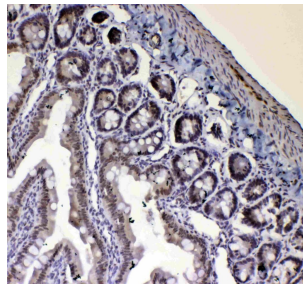
The membrane was incubated with
rabbit anti-PRDM1/Blimp1
antigen affinity purified polyclonal
antibody at 0.5 µg/mL overnight at 4°C,
then washed with
TBS-0.1%Tween 3 times with 5 minutes
each and probed with a
goat anti-rabbit IgG-HRP secondary
antibody at a dilution of
1:10000 for 1.5 hour at RT. The signal is
developed using an
Enhanced Chemiluminescent detection
(ECL) kit
with Tanon 5200 system. A specific band
was detected
for PRDM1/Blimp1 at approximately
92KD. The expected band
size for PRDM1/Blimp1 is at 92KD.



IHC analysis of PRDM1/Blimp1 using anti-
PRDM1/Blimp1 antibody.
PRDM1/Blimp1 was detected in paraffin-
embedded section of mouse small
intestine tissue. Heat mediated antigen
retrieval was performed in citrate buffer
(pH6, epitope retrieval solution) for 20
mins. The tissue section was blocked
with 10% goat serum. The tissue section
was then incubated with 1µg/ml rabbit
anti-PRDM1/Blimp1 Antibody overnight
at 4°C. Biotinylated goat anti-rabbit IgG
was used as secondary
antibody and incubated for 30 minutes
at 37°C. The tissue section was
developed using Streptavidin-Biotin-
Complex (SABC) with DAB as the
chromogen.

Nitrocellulose membrane at 150mA for
50-90 minutes. Blocked the membrane
with 5% Non-fat Milk/ TBS for 1.5 hour at
RT. The membrane was incubated with
rabbit anti-PRDM1/Blimp1 antigen
affinity purified polyclonal antibody at
0.5 µg/mL overnight at 4°C, then washed
with TBS-0.1%Tween 3 times with 5
minutes each and probed with a goat
anti-rabbit IgG-HRP secondary antibody
at a dilution of 1:10000 for 1.5 hour at
RT. The signal is developed using an
Enhanced Chemiluminescent detection
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The expected band size for
PRDM1/Blimp1 is at 92KD.

tissue section was developed using
Streptavidin-Biotin-Complex
(SABC) with DAB as the chromogen.



IHC analysis of PRDM1/Blimp1 using anti-
PRDM1/Blimp1 antibody.
PRDM1/Blimp1 was detected in paraffin-
embedded section of rat small intestine
tissue. Heat mediated antigen retrieval
was performed in citrate buffer (pH6,
epitope retrieval solution) for 20 mins.
The tissue section was blocked with 10%
goat serum.
The tissue section was then incubated
with 1µg/ml rabbit anti- PRDM1/Blimp1
Antibody overnight at 4°C. Biotinylated
goat anti-rabbit IgG was used as
secondary
antibody and incubated for 30 minutes
at 37°C. The tissue section was
developed using Streptavidin-Biotin-
Complex (SABC) with DAB as the
chromogen.

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