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Research Use Only. Not for diagnostic or therapeutic use.

EB05710 - Goat Anti-PRDM1 / BLIMP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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, PRDI-binding factor-1, beta-interferon gene positive-regulatory domain I binding factor, positive regulatory domain I-binding factor 1

Official Symbol: PRDM1

Accession Number(s): NP_001189.2; NP_878911.1

Human GeneID(s): 639

Non-Human GenelD(s): 12142 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_001189.2 and NP_878911.1).

Immunogen

Peptide with sequence C-KVKQETVEPMDP, from the C Terminus of the protein sequence according to NP_001189.2; NP_878911.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

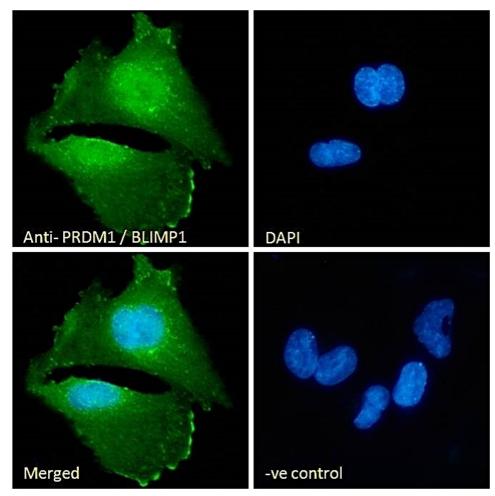
IHC: Paraffin embedded Human Tonsil. Recommended concentration: 5-6µg/ml.

Immunofluorescence: Strong expression of the protein seen in the nucleus and plasma membrane of U251 cells. Recommended concentration: 10µg/ml.

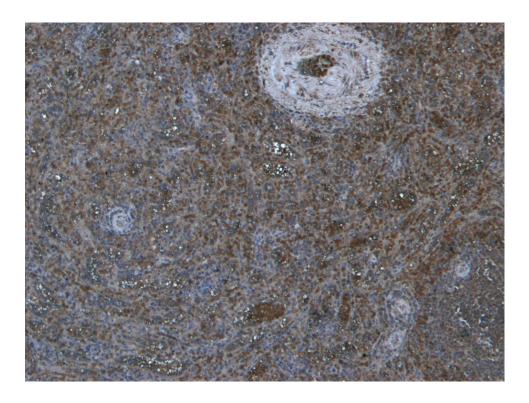
Species Reactivity

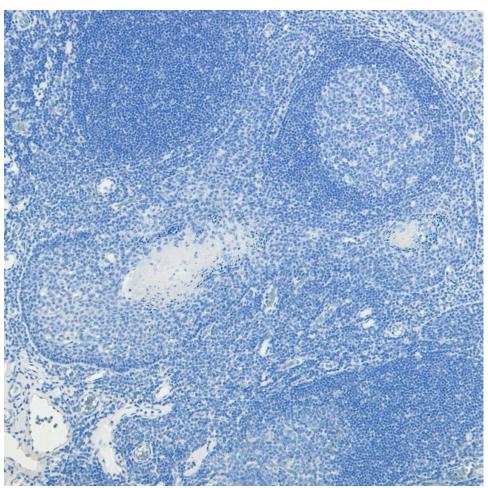
Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB05710 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).





EB05710 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.