

## International Office

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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 GeneID(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.

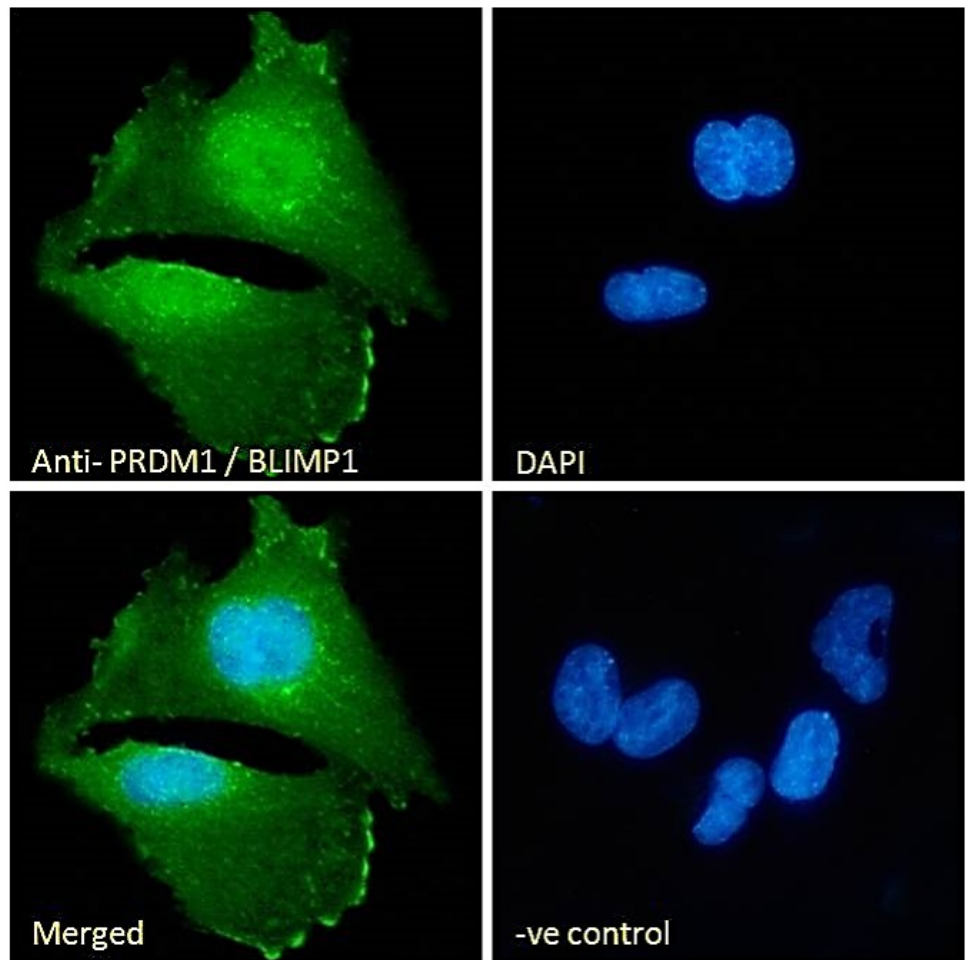
**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 5-6µg/ml.

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

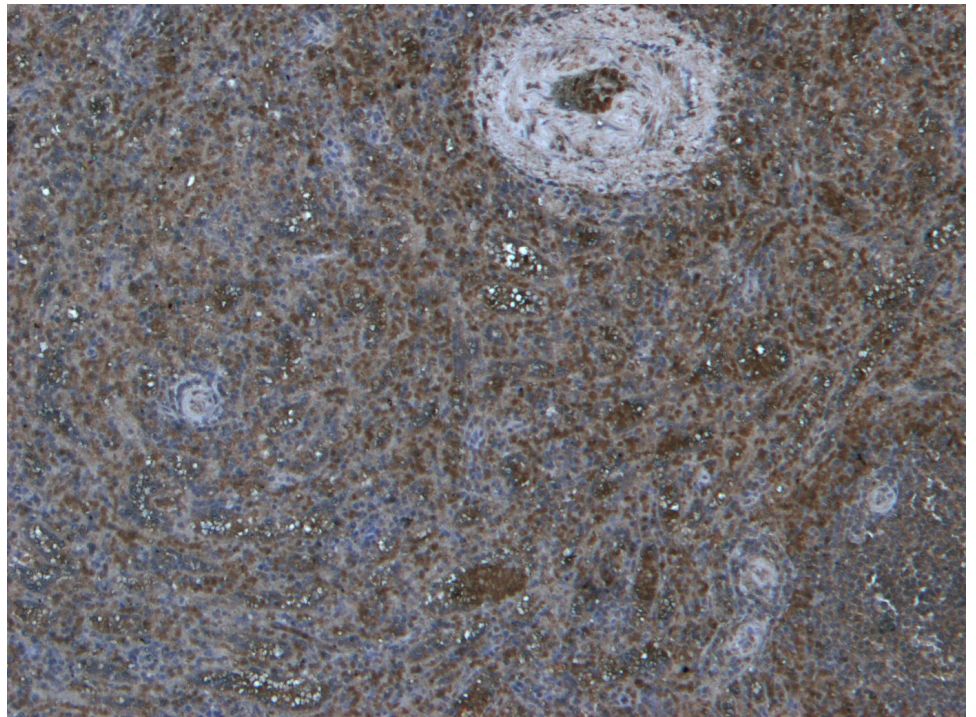
### Species Reactivity

**Tested:** Human

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

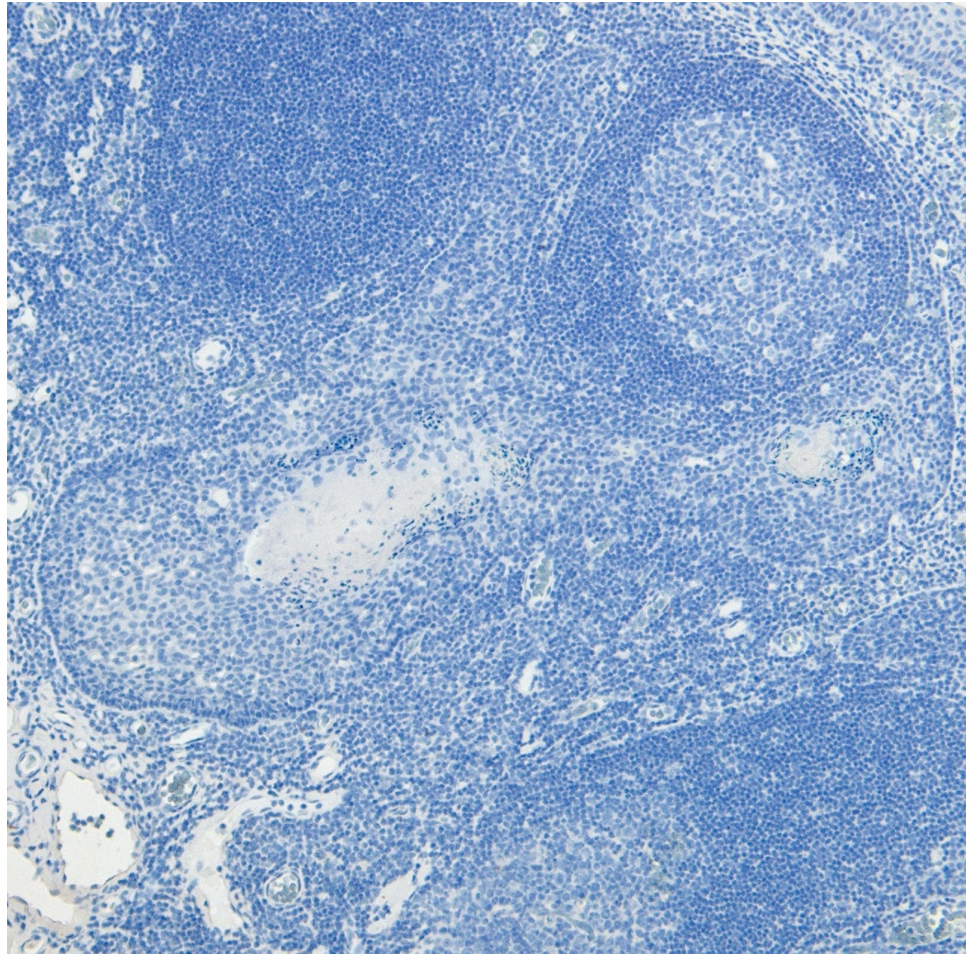


EB05710 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat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





EB05710 (6µg/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



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