

DATASHEET

Version: 2016-08-17

Blimp-1 Antibody, pAb, Rabbit

Cat. No.: A01647-40

Size: 40 µg

Synonyms: PRDM 1 Antibody, pAb, Rabbit;

Description:

Blimp-1 (B lymphocyte-induced maturation protein) is a nuclear zinc-finger containing transcriptional repressor and plays an important role in terminal B-cell development. Expression of Blimp-1 is sufficient to drive terminal differentiation of BCL1 lymphoma cells into antibody secreting plasma cells, increasing the expression of the cell surface marker Syndecan-1. In addition, Blimp-1 has been found during macrophage differentiation and in a subset of T-cells, which suggests that it may play a wider role in homeostasis and differentiation.

GenScript **Blimp-1 Antibody, pAb, Rabbit** is developed in rabbit using a KLH-coupled synthetic peptide from C-terminal of human Blimp-1 (Swiss Prot: O75626).

Immunogen: KLH-coupled synthetic peptide from C-terminal of human Blimp-1 (Swiss Prot: O75626)

Host: Rabbit

Antigen Synonyms: Human

Conjugation: Unconjugated

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

Ig Subclass: Rabbit IgG

Specificity: GenScript Blimp-1 Antibody, pAb, Rabbit detects endogenous levels of human Blimp-1. It is predicted to react with mouse Blimp-1 according to sequence homology.

Positive Control: K562, Ramos

Purification: Immunoaffinity chromatography

Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Western blot: 1-3 µg/ml

Other Applications: user optimized

Species Reactivity: Human. Reactivity to other species is not tested yet.

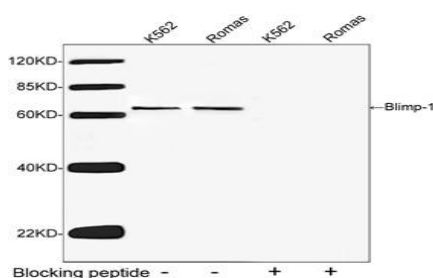
Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Example



Western blot analysis of cell lysates using Blimp-1 Antibody, pAb, Rabbit (GenScript, A01647, 2 µg/ml) The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG. Predicted Size: 88 KD Observed Size: 63 KD