

DATASHEET

Version: 2016-08-17

Blimp-1 Antibody, pAb, Rabbit

Cat. No.: A01647-100

Size: 100 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

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

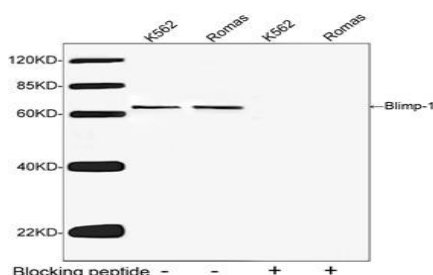
Reconstitution:

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.