

Anti-APRIL (ED) TALL-2, TRDL-1 Polyclonal Antibody

CATALOG No.: PX218A SIZE: 100 µg
PX218B SIZE: 0.5 mg

BACKGROUND:

Members in the TNF superfamily regulate immune responses and induce apoptosis. A novel member in the TNF family was recently identified by several groups and designated APRIL (for a proliferation-inducing ligand), TALL-2 (for TNF- and ApoL-related Leukocyte-expressed Ligand 2), and TRDL-1 α (for TNF related death ligand 1 α) in human and mouse (1-4). Two receptors for APRIL were recently identified and designated TACI and BCMA (5-7). APRIL stimulates B and T cell proliferation, triggers humoral immune responses, activates NF- κ B, and induces cell death (1-7). APRIL and its close relative of BlyS and their receptors BCMA and TACI are involved in diseases of autoimmunity and cancer (8,9).

SOURCE:

Rabbit anti-APRIL (ED) polyclonal antibody was raised against a synthetic peptide (GTGGPSQNGEG YP) corresponding to amino acids 67 to 79 of human APRIL (1-3).

APPLICATION:

This antibody can be used for detection of APRIL by Western blot at 4-5 µg/ml. HL60 or Jurkat cell lysate can be used as positive control and an approximately 42 kDa band can be detected.

STORAGE:

It is supplied as immunoaffinity chromatography purified IgG, 100 µg in 200 µl of PBS containing 0.02% sodium azide. Store at 4° C, stable for one year.

RELATED PRODUCT:

Blocking peptide, 50 µg/250 µl, is available for competition studies.

REFERENCES:

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CAUTION: NOT FOR USE IN HUMANS. FOR RESEARCH PURPOSES ONLY.



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