

## Product datasheet for **PP1200B2**

### **APRIL (TNFSF13) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	Elisa (Direct): To detect hAPRIL by direct ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2- 0.4 ng/well of recombinant hAPRIL. (Sandwich): To detect hAPRIL by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Human APRIL (PP1200P) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hAPRIL. Western Blot: To detect hAPRIL by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hAPRIL is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Highly pure (>98%) recombinant hAPRIL.
<b>Specificity:</b>	This antibody reacts with APRIL.
<b>Formulation:</b>	PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized purified Ig fraction. Label: conjugated
<b>Reconstitution Method:</b>	Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
<b>Purification:</b>	Affinity chromatography.
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.



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<b>Stability:</b>	Shelf life: One year from despatch.
<b>Gene Name:</b>	tumor necrosis factor superfamily member 13
<b>Database Link:</b>	<a href="#">Entrez Gene 8741 Human O75888</a>
<b>Background:</b>	APRIL (A Proliferation Inducing Ligand) a member of the TNF superfamily, is expressed in monocytes, macrophages, certain transformed cell lines, certain cancers of colon, and lymphoid tissues. Members of the TNF superfamily regulate immune responses and induce apoptosis. Two receptors for APRIL were recently identified and designated TACI and BCMA. APRIL stimulates B and T cell proliferation, triggers humoral immune responses, activates NF- $\kappa$ B, and induces cell death. APRIL and its close relative of BlyS and their receptors BCMA and TACI are involved in diseases of autoimmunity and cancer.
<b>Synonyms:</b>	TNFSF13, TALL2, TALL-2, ZTNF2, TRDL-1
<b>Note:</b>	Centrifuge vial prior to opening!