

Product datasheet for **PP1008P1**

Flt3 ligand (FLT3LG) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hFlt-3 Ligand (15 ng/ml), a concentration of 0.25-0.75 µg/ml of this antibody is required. ELISA: (Indirect): To detect hFlt-3 Ligand by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant hFlt-3 Ligand. (Sandwich): To detect hFlt-3 Ligand by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human Flt-3 Ligand (PP1008B1, PP1008B2) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hFlt-3 Ligand. Western Blot: To detect hFlt-3 Ligand 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 hFlt-3 Ligand is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hflt3-Ligand
Specificity:	Human flt3-Ligand.
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity chromatography.
Conjugation:	Unconjugated



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Storage:	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.
Stability:	Shelf life: One year from despatch.
Gene Name:	fms related tyrosine kinase 3 ligand
Database Link:	Entrez Gene 2323 Human P49771
Background:	Flt3 ligand is a ligand for the FLT3 tyrosine kinase receptor and belongs to a small group of growth factors that regulate proliferation of early hematopoietic cells. Multiple isoforms of Flt3 ligand have been identified. The predominant form is the transmembrane form, which is biologically active on the cell surface. When proteolytically cleaved the transmembrane isoform generates a soluble form, which is also biologically active. Flt3 ligand binds to cells expressing the tyrosine kinase receptor Flt3. Flt3 ligand alone cannot stimulate proliferation, but synergizes well with other CSFs and interleukins to induce growth and differentiation.
Synonyms:	SL cytokine, FLT3LG, Flt3L
Note:	Centrifuge vial prior to opening!