



# Anti-FLT3LG polyclonal antibody (CPBT-65148RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

### Product Overview

Rabbit anti Human Flt3 Ligand antibody recognizes the ubiquitously expressed human growth factor Flt3-Ligand (Flt3L), a 235aa type I transmembrane glycoprotein which regulates the proliferation of early haematopoietic cells. Flt3L exists in both a membrane-bound and proteolytically cleaved soluble isoform, both of which are biologically active, and initiates cell proliferation/ differentiation signalling in co-operation with other colony stimulating factors (CSFs) and interleukins, by binding to and activating the tyrosine kinase receptor Flt3 (FLT3R), expressed highly by hematopoietic progenitor cells and stem cells. ELISA may be used in an indirect ELISA system or as a capture antibody in a sandwich ELISA.

<b>Specificity</b>	FLT3LG
<b>Immunogen</b>	Recombinant human Flt3-Ligand
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; FA; WB
<b>Format</b>	Purified IgG - lyophilised
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

precipitate we recommend microcentrifugation before use.

## GENE INFORMATION

Gene Name	<a href="#">FLT3LG fms-related tyrosine kinase 3 ligand [ Homo sapiens (human) ]</a>
Official Symbol	FLT3LG
Synonyms	FLT3LG; fms-related tyrosine kinase 3 ligand; FL; FLT3L; flt3 ligand;
Entrez Gene ID	<a href="#">2323</a>
Protein Refseq	<a href="#">NP_001191431</a>
UniProt ID	P49771
Chromosome Location	19q13.3
Pathway	Cytokine-cytokine receptor interaction; Hematopoietic cell lineage; Pathways in cancer;
Function	cytokine activity; protein homodimerization activity; receptor binding; receptor tyrosine kinase binding;