

Rabbit Anti-FLT3L antibody

SL10170R

Product Name	FLT3L
Chinese Name	FMS 样酪氨酸激酶 3 配体抗体
Alias	Flt 3 ligand; Flt 3L; Flt3 L; FLT3 LG; Flt3 ligand; Flt3L; FLT3L_HUMAN; FLT3LG; Fms related tyrosine kinase 3 ligand; Fms-related tyrosine kinase 3 ligand; SL cytokine.
Research Area	Cardiovascular Cell biology Stem cells Cell differentiation lymphocyte t-lymphocyte b-lymphocyte cell factor
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human, Mouse, (predicted: Rat, Dog, Pig, Cow, Horse,) WB=1:500-2000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	23kDa
Cellular localization	The cell membrane Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human FLT3L: 61-160/235 <Extracellular>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Flt 3 ligand (Flt 3-L), variously designated Flt 3/Flk 2 ligand or FL, is a

hematopoietic growth factor that stimulates the proliferation of stem and CD34+ progenitor cells and has been cloned from both mouse and human genomes. Flt 3-L is a potent in vitro growth stimulator of granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin-3 (IL-3), and G-CSF-dependent granulocyte-macrophage committed precursors from Lin CD34+ bone marrow cells as well as other primitive B cell populations. Additionally, Flt 3-L stimulates the proliferation of hematopoietic progenitor cells isolated from mouse fetal liver or adult mouse bone marrow. Flt 3-L does not, however, affect the growth of erythroid-committed progenitors. Flt 3-L exists in two forms and is active as both a soluble and as a membrane-bound ligand. The Flt 3-L receptor, Flt 3, is a tyrosine kinase expressed on CD34+ cells that shares a high degree of homology with the SCF (stem cell factor) receptor, c-Kit and c-Fms.

Function:

Stimulates the proliferation of early hematopoietic cells by activating FLT3. Synergizes well with a number of other colony stimulating factors and interleukins.

Subunit:

Homodimer (isoform 2).

Subcellular Location:

Isoform 1: Cell membrane; Single-pass type I membrane protein. Isoform 2: Secreted.

SWISS:

P49771

Gene ID:

2323

Database links:

[Entrez Gene: 2323](#) Human

[Entrez Gene: 719239](#) Rhesus monkey

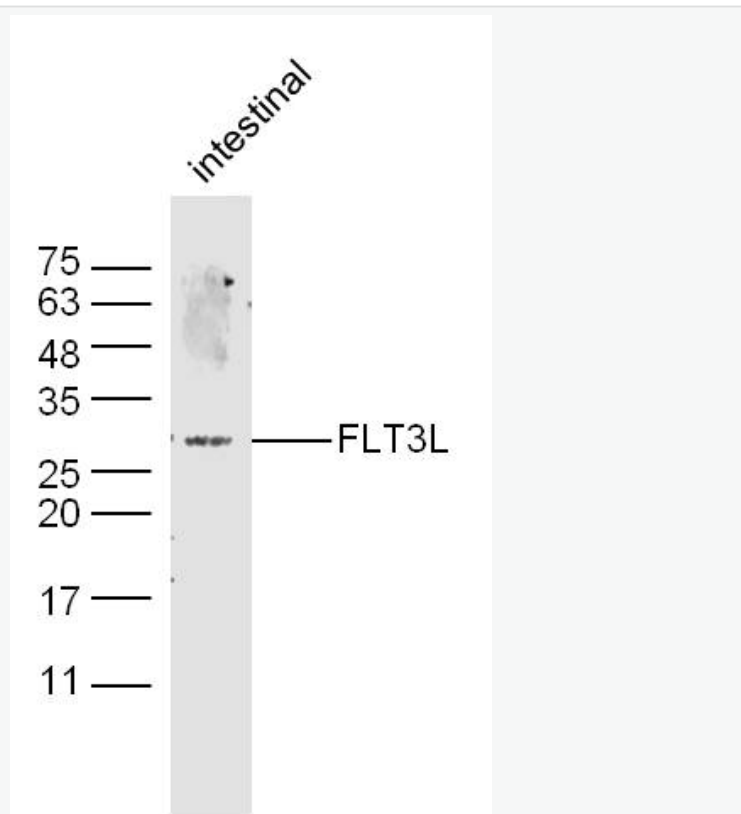
[Omid: 600007](#) Human

[SwissProt: P49771](#) Human

[Unigene: 428](#) Human

Flt3L 是一种可以促进多种 Stem cells、血细胞及其前体细胞生成、分化的 cell factor,对 Tlymphocyte、Blymphocyte 和 NK 细胞和 DC 的前体细胞都有促进增生、诱导分化的功能.Flt3L 可与其它促细胞生长的 cell factor 有很好的协同作用.目前,尚未发现具有毒性作用,是一种良好的扩增剂,对研究细胞的形态、细胞表现型和功能具有重要的意义.

Product Picture



Sample: intestine (Mouse) Lysate at 40 ug

Primary: Anti-FLT3L(SL10196R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 23 kD

Observed band size: 28 kD