



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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	23kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or 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
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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

[Omim: 600007](#)Human

[SwissProt: P49771](#)Human

[Unigene: 428](#)Human

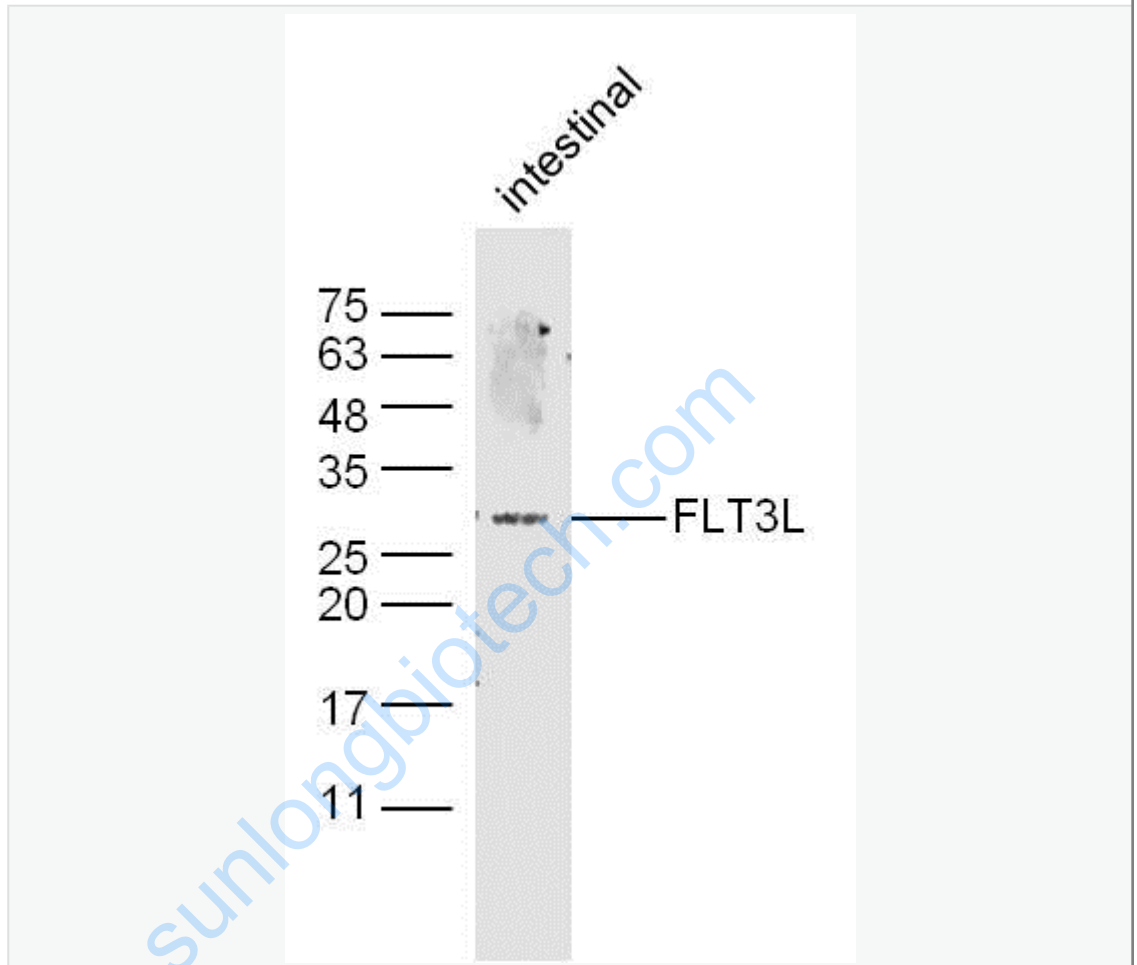
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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.

Picture:



Sample: intestine (Mouse) Lysate at 40 ug

Primary: Anti-FLT3L(SL10170R) at 1/300 dilution

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

Predicted band size: 23 kD

Observed band size: 28 kD