

## Flt3-L Polyclonal Antibody

<b>Catalog No :</b>	YT1731
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Flt3-L
<b>Fields :</b>	>>MAPK signaling pathway;>>Ras signaling pathway;>>PI3K-Akt signaling pathway;>>Hematopoietic cell lineage;>>Pathways in cancer
<b>Gene Name :</b>	FLT3LG
<b>Protein Name :</b>	Fms-related tyrosine kinase 3 ligand
<b>Human Gene Id :</b>	2323
<b>Human Swiss Prot No :</b>	P49771
<b>Mouse Swiss Prot No :</b>	P49772
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human Flt3 ligand. AA range:171-220
<b>Specificity :</b>	Flt3-L Polyclonal Antibody detects endogenous levels of Flt3-L protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 26kD

**Cell Pathway :** Cytokine-cytokine receptor interaction; Hematopoietic cell lineage; Pathways in cancer;

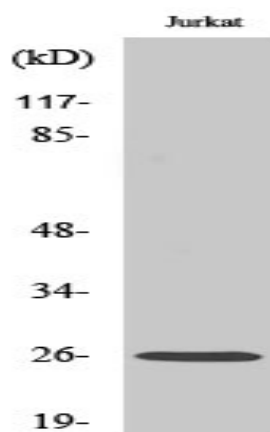
**Background :** Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 (see MIM 186910)-positive classical DCs and their CD103 (ITGAE; MIM 604682)-positive tissue counterparts (summary by Sathaliyawala et al., 2010 [PubMed 20933441]). [supplied by OMIM, Jan 2011],

**Function :** function: Stimulates the proliferation of early hematopoietic cells. Synergizes well with a number of other colony stimulating factors and interleukins., subunit: Homodimer (isoform 2).,

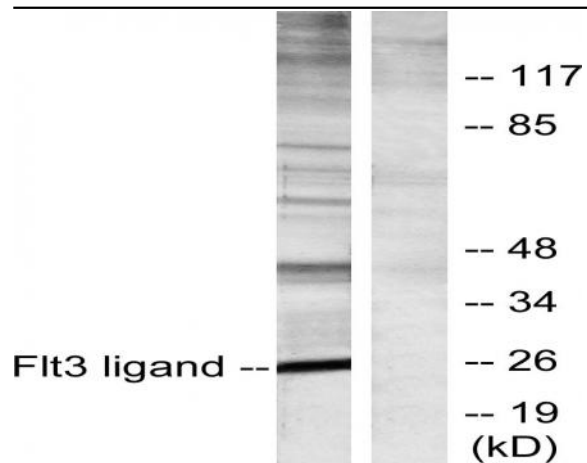
**Subcellular Location :** [Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Secreted.

**Expression :** Brain, Spleen,

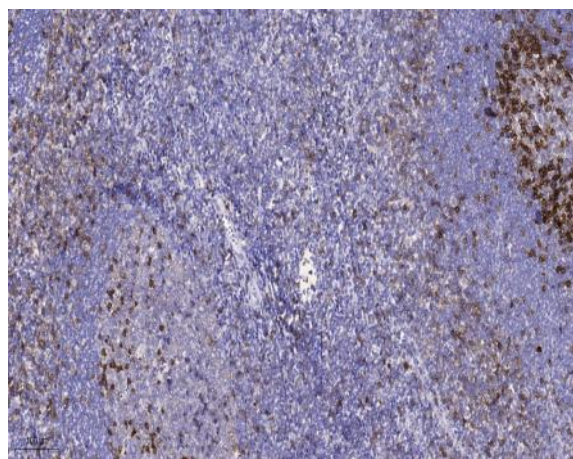
## Products Images



Western Blot analysis of various cells using Flt3-L Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using Flt3 ligand Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).