bs-10170R **[Primary Antibody]**

FLT3L Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2323 **SWISS:** P49771

Target: FLT3L

Immunogen: KLH conjugated synthetic peptide derived from human FLT3L: 61-160/235.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Human Flt3 Ligand is a 24-30kDa glycoprotein with a 158 amino acid. Flt3 Ligand is expressed by T cells, bone marrow and thymic fibroblasts. The predominant biologically active form is membranebound isoform, which can be proteolytically cleaved to generate a biologically active soluble isoform. Flt3 Ligand synergizes well with a number of other colony stimulating factors and interleukins to regulate proliferation of early hematopoietic cells by activating Flt3.

This recombinant human FLT3 Ligand is produced by human cells. (Tag free)

Biological activity:
The activity was measured by its ability to stimulate the proliferation of the human acute myeloid leukemia cell line OCI-AML5.

Reconstitution:
Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

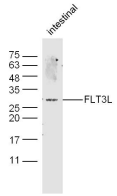
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse (predicted: Rat, Pig, Cow, Dog, Horse)

Predicted MW.: 23 kDa

Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Sample: intestine (Mouse) Lysate at 40 ug
Primary: Anti-FLT3L(bs-10196R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 23 kD
Observed band size: 28 kD

SELECTED CITATIONS

- **[IF=3.816]** Lun Yao. et al. Recombinant Pseudorabies Virus with TK/gE Gene Deletion and Flt3L Co-Expression Enhances the Innate and Adaptive Immune Response via Activating Dendritic Cells. Viruses-Basel. 2021 Apr;13(4):691
  WB,IF ;Pig. 33923590

- **[IF=2.9]** Dong Li. et al. Active immunization against gonadotropin-releasing hormone enhances the generation of B cells but does not affect their colonization in peripheral immune organs in male rats. J REPROD IMMUNOL. 2024 Nov;:104402 WB ;Rat. 39637674