

## FLT3 (Phospho Tyr842) Rabbit pAb

CatalogNo: YP0420

Orthogonal Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 170kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000****ELISA 1:10000****Not yet tested in other applications.**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

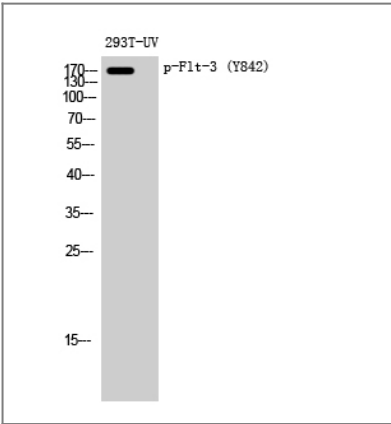
### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human FLT3 around the phosphorylation site of Tyr842. AA range:808-857**Specificity** Phospho-FLT3 (Y842) Polyclonal Antibody detects endogenous levels of FLT3 protein only when phosphorylated at Y842. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):SNyVV

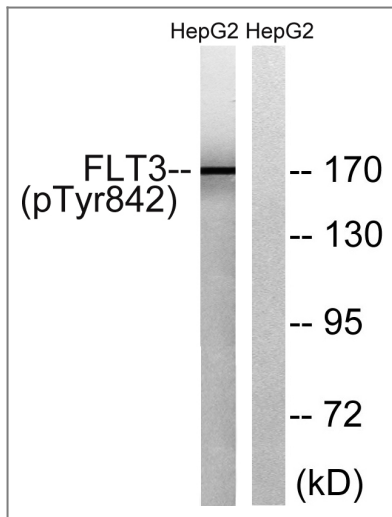
## Target Information

Gene name	FLT3		
Protein Name	Receptor-type tyrosine-protein kinase FLT3		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">2322</a> ;	<a href="#">P36888</a> ;
	Mouse	<a href="#">14255</a> ;	<a href="#">Q00342</a> ;
Cellular Localization	Membrane; Single-pass type I membrane protein. Endoplasmic reticulum lumen. Constitutively activated mutant forms with internal tandem duplications are less efficiently transported to the cell surface and a significant proportion is retained in an immature form in the endoplasmic reticulum lumen. The activated kinase is rapidly targeted for degradation.		
Tissue specificity	Detected in bone marrow, in hematopoietic stem cells, in myeloid progenitor cells and in granulocyte/macrophage progenitor cells (at protein level). Detected in bone marrow, liver, thymus, spleen and lymph node, and at low levels in kidney and pancreas. Highly expressed in T-cell leukemia.		
Function	Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,Function:Receptor for the FL cytokine. Has a tyrosine-protein kinase activity.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with FIZ1 following ligand activation.,tissue specificity:Bone marrow cells.,		

## Validation Data



Western Blot analysis of 293T-UV cells using Phospho-Flt-3 (Y842) Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from HepG2 cells treated with EGF 200ng/ml 30', using FLT3 (Phospho-Tyr842) Antibody. The lane on the right is blocked with the phospho peptide.

## Contact information

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Please scan the QR code to access additional product information:  
**FLT3 (Phospho Tyr842) Rabbit pAb**

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