

Flt3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03283
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human Flt3
Mol wt	112804
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, WB
Concentration	1 mg/ml
Full name	Flt3 Antibody
Synonyms	Receptor-type tyrosine-protein kinase FLT3 (EC 2.7.10.1) (FL cytokine receptor) (Fetal liver kinase-2) (FLK-2) (Fms-like tyrosine kinase 3) (FLT-3) (Stem cell tyrosine kinase 1) (STK-1) (CD antigen CD

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

FLT3 encodes a class III receptor tyrosine kinase that regulates hematopoiesis. This receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia.

Recommended Dilution

WB: 1: 500 - 2000

IHC-p: 1: 50 - 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year

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