

Rabbit FLT3 Polyclonal Antibody | anti-FLT3 antibody

FLT3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169683	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

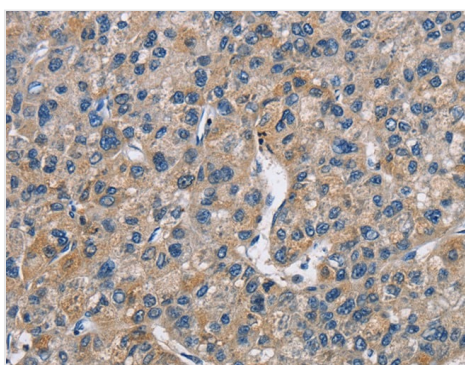
PRODUCT SYNONYMS

FLT3; Polyclonal Antibody; FLT3 Polyclonal Antibody; FLK2; STK1; CD135; FLK-2; anti-FLT3 antibody

PRODUCT SPECIFICATIONS

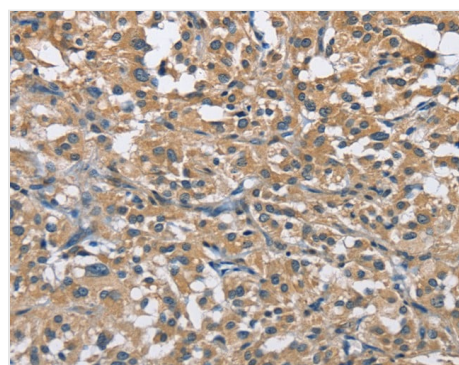
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	993
Applicable Applications for anti-FLT3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human FLT3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



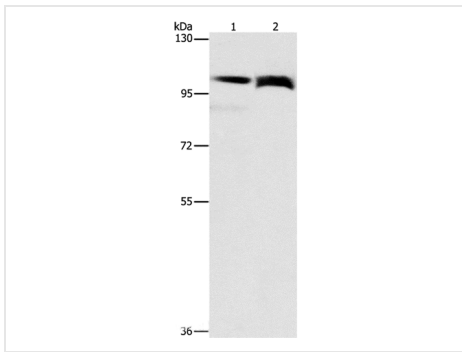
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human liver cancer using FLT3 Polyclonal Antibody at dilution of 1:30



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using FLT3 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Lovo and 231 cell using FLT3 Polyclonal Antibody at dilution of 1:240

ADDITIONAL INFORMATION

Related Product Information for anti-FLT3 antibody

This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. The receptor consists of an extracellular domain composed of five immunoglobulin-like domains, one transmembrane region, and a cytoplasmic kinase domain split into two parts by a kinase-insert domain. The 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.

Product Categories/Family for anti-FLT3 antibody

Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	406323
NCBI GeneID	2322
UniProt Accession #	P36888; Q13414; A0AVG9; B7ZLT7; B7ZLT8; F5H0A0
Molecular Weight	108,378 Da
NCBI Official Full Name	FLT3 receptor tyrosine kinase
NCBI Official Synonym Full Names	fms-related tyrosine kinase 3
NCBI Official Symbol	FLT3
NCBI Official Synonym Symbols	FLK2; STK1; CD135; FLK-2
NCBI Protein Information	receptor-type tyrosine-protein kinase FLT3; CD135 antigen; FL cytokine receptor; fetal liver kinase 2; fms-like tyrosine kinase 3; growth factor receptor tyrosine kinase type III; stem cell tyrosine kinase 1
UniProt Protein Name	Receptor-type tyrosine-protein kinase FLT3
UniProt Gene Name	FLT3
UniProt Synonym Gene Names	CD135; FLK2; STK1; FLK-2; FLT-3; STK-1
UniProt Entry Name	FLT3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/flt3-antibody-immunohistochemistry-western-blot-elisa/169683>