

Datasheet for ABIN7167496
anti-FLT3 antibody (AA 727-993)



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1 Image

Overview

Quantity:	100 µL
Target:	FLT3
Binding Specificity:	AA 727-993
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Receptor-type tyrosine-protein kinase FLT3 protein (727-993AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FLT3
Alternative Name:	FLT3 (FLT3 Products)
Background:	Background: Tyrosine-protein kinase that acts as cell-surface receptor for the cytokine FLT3LG and regulates differentiation, proliferation and survival of hematopoietic progenitor cells and of

Target Details

dendritic cells. Promotes phosphorylation of SHC1 and AKT1, and activation of the downstream effector MTOR. Promotes activation of RAS signaling and phosphorylation of downstream kinases, including MAPK1/ERK2 and/or MAPK3/ERK1. Promotes phosphorylation of FES, FER, PTPN6/SHP, PTPN11/SHP-2, PLCG1, and STAT5A and/or STAT5B. Activation of wild-type FLT3 causes only marginal activation of STAT5A or STAT5B. Mutations that cause constitutive kinase activity promote cell proliferation and resistance to apoptosis via the activation of multiple signaling pathways.

Aliases: CD 135 antibody, CD135 antibody, CD135 antigen antibody, Fetal liver kinase 2 antibody, FL cytokine receptor antibody, Flk 2 antibody, Flk2 antibody, Flt 3 antibody, FLT-3 antibody, Flt3 antibody, FLT3_HUMAN antibody, FMS like tyrosine kinase 3 antibody, Fms related tyrosine kinase 3 antibody, Fms-like tyrosine kinase 3 antibody, Growth factor receptor tyrosine kinase type III antibody, Ly-72 antibody, OTTHUMP0000004234 antibody, Receptor type tyrosine protein kinase FLT3 antibody, Stem cell tyrosine kinase 1 antibody, Stk 1 antibody, STK-1 antibody, Stk1 antibody, Tyrosine protein kinase receptor FLT3 antibody, Tyrosine-protein kinase receptor FLT3 antibody

UniProt: [P36888](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

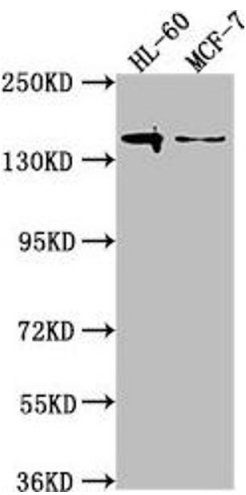
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: HL-60 whole cell lysate, MCF-7 whole cell lysate All lanes: FLT3 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 113, 109 kDa Observed band size: 140 kDa