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12-9513-PE: PE-conjugated Anti-FLT3 antibody(19A5), IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	19A5
Application :	Flow Cyt
Reactivity :	Human
Conjugate :	PE-conjugated
Gene :	FLT3
Uniprot ID :	P36888
Alternative Name :	Flt-3;Flk-2;STK-1;CD135;FLK2;FLT-3
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

Flt-3(Receptor-type tyrosine-protein kinase FLT3) is also known as FLK-2(Fetal liver kinase-2), STK-1(Stem cell tyrosine kinase 1), CD135. FLT3 is a cytokine receptor which belongs to the receptor tyrosine kinase class III. 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 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. Mutations that cause constitutive kinase activity promote cell proliferation and resistance to apoptosis via the activation of multiple signaling pathways.

Product Info

Amount :	100 Test
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Liquid PBS with 0.05% Proclin300, 1% BSA
Storage condition :	Store at 2°C-8°C for 6 months

Application Note

Flow Cyt 1:100

For Research Use Only. Not for use in diagnostic/therapeutics procedures.