

FLT3 antibody

Product Information

Catalog No.:	FNab03164
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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.

Immunogen information

Immunogen:	fms-related tyrosine kinase 3
Synonyms:	Receptor-type tyrosine-protein kinase FLT3 FL cytokine receptor Fetal liver kinase-2 (FLK-2) Fms-like tyrosine kinase 3 (FLT-3) Stem cell tyrosine kinase 1 (STK-1) FLT3 CD135 FLK2 STK1
Observed MW:	130-140 kDa
Uniprot ID :	P36888

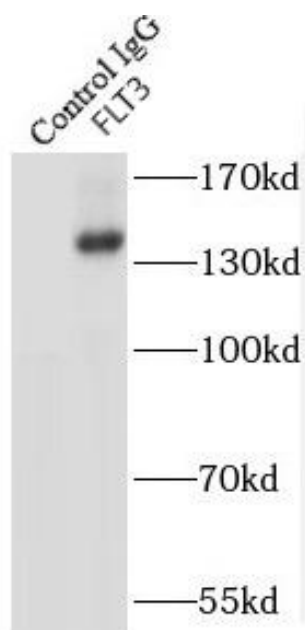
Application

Reactivity:	Human, Mouse, Rat
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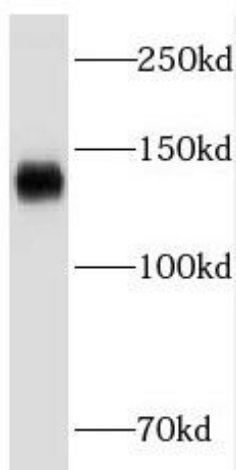
Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-FLT3 (IP:FNab03164, 4ug;
Detection:FNab03164 1:500) with mouse brain
tissue lysate 2640ug.



mouse brain tissue were subjected to SDS PAGE
followed by western blot with FNab03164(FLT3
antibody) at dilution of 1:500