

Product Datasheet

Flt-3/Flk-2/CD135 Antibody (7E8.2C8) - Azide and BSA Free NBP2-80739

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-80739

Flt-3/Flk-2/CD135 Antibody (7E8.2C8) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7E8.2C8
Preservative	No Preservative
Isotype	IgG2b Lambda
Purity	Protein G purified
Buffer	PBS

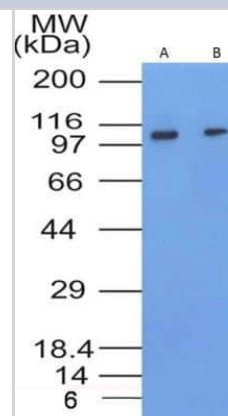
Product Description	
Description	Novus Biologicals Mouse Flt-3/Flk-2/CD135 Antibody (7E8.2C8) - Azide and BSA Free (NBP2-42210) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2322
Gene Symbol	FLT3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: ~86% to Mouse and Rat's FLT3 protein.
Immunogen	Partial recombinant human FLT3 protein (between amino acids 250-500) [UniProt P36888]

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 2 ug/ml, Flow Cytometry 2 ug/million cells, Immunohistochemistry 5-15 ug/ml, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 5-15 ug/ml, CyTOF-ready
Application Notes	FLT3 is a 993 amino acids long protein with predicted molecular weight of 112.9 kDa, however, it undergoes extensive glycosylation and phosphorylation so that the mature protein will have relatively higher molecular weights. In WB assay, the glycosylated protein species may run between 113-160 kDa position, while the phosphorylated protein may result on generation of a doublet band.



Images

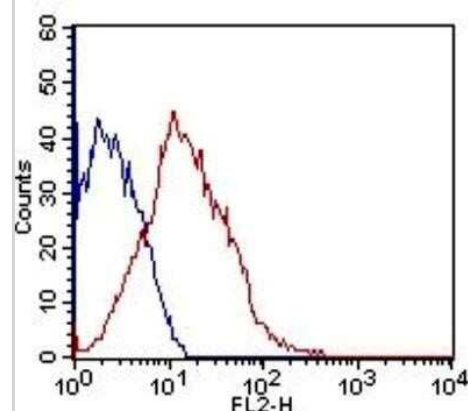
Western Blot: Flt-3/Flk-2/CD135 Antibody (7E8.2C8) - Azide and BSA Free [NBP2-80739] - WB analysis of lysates from (A) Human Embryonic Kidney 293 / HEK293 and (B) Human Embryonic carcinoma NCCIT cell lines using Flt-3/Flk-2/CD135 antibody (clone 7E8.2C8) at 2ug/ml concentration. The antibody detected single specific bands in both samples at the expected molecular weight position. Image from the standard format of this antibody.



Immunocytochemistry: Flt-3/Flk-2/CD135 Antibody (7E8.2C8) - Azide and BSA Free [NBP2-80739] - IHC analysis of a formalin fixed paraffin embedded tissue section of human liver cancer using Flt-3/Flk-2/CD135 antibody (clone 7E2.2C8) at 15 ug/ml concentration. The antibody generated specific cytoplasmic immunostaining of FLT3 in the cancerous cells w



Flow Cytometry: Flt-3/Flk-2/CD135 Antibody (7E8.2C8) - Azide and BSA Free [NBP2-80739] - HEK293 cells were stained (surface) with Flt-3/Flk-2/CD135 antibody (clone: 7E8.2C8; red) or isotype control (mouse IgG2 lambda; blue) and positive staining observed using PE conjugated mouse anti-IgG(H+L) secondary antibody. Live cells (PPI negative) were gated for analysis Image from the standard format of this antibody.





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Products Related to NBP2-80739

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NBP2-57187PEP	FIt-3/Flk-2/CD135 Recombinant Protein Antigen
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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