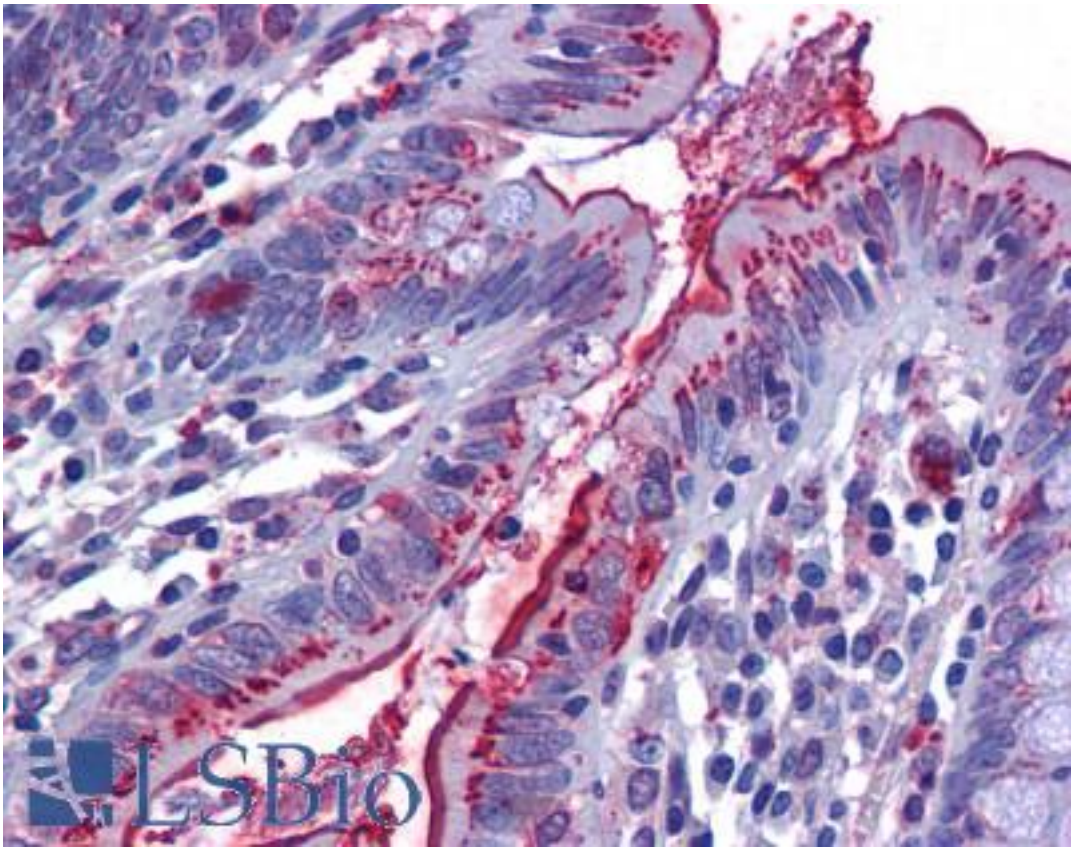
LSBio
LifeSpan BioSciences, Inc.

FLT4 / VEGFR3 Mouse anti-Human Monoclonal (Extracellular Domain) (9D9F9) Antibody - LS-B6053 - LSBio

CatalogID:	LS-B6053
Validation:	This antibody replaces catalog number LS-C40133. It has been validated for use in the following assays: IHC-P.
Target:	fms-related tyrosine kinase 4 (FLT4)
Synonyms:	FLT4 Antibody, FLT41 Antibody, Fms-related tyrosine kinase 4 Antibody, Fms-like tyrosine kinase 4 Antibody, LMPH1A Antibody, PCL Antibody, Soluble VEGFR3 variant 1 Antibody, Vegf-r3 Antibody, VEGFR3 Antibody, Soluble VEGFR3 variant 2 Antibody, Soluble VEGFR3 variant 3 Antibody, FLT-4 Antibody, Quek2 Antibody, VEGF Receptor 3 Antibody, VEGFR-3 Antibody
Family / Subfamily:	Protein Kinase / VEGF Receptor
Host	FLT4 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	9D9F9
Immunogen Species:	FLT4 / VEGFR3 antibody was raised against Human
Antigen Type:	Recombinant protein
Immunogen:	FLT4 / VEGFR3 antibody was raised against purified recombinant human VEGFR-3 extracellular domain protein expressed in baculovirus culture.
Specificity:	Recognizes human VEGF Receptor 3 (FLT4). Western blot and ELISA demonstrate that the antibody is highly specific for VEGFR-3 with no cross-reactivity with human VEGFR-1 or VEGFR-2 protein. VEGFR-3 is not expressed in HEVs of the lymph nodes. In lymphomas staining is seen mostly in collapsed vessels in the cortex of lymph nodes infiltrated by the lymphoma cells. The antibody specifically detects lymphatic endothelium in human lymph node and other organs such as tonsil.
Epitope:	Extracellular Domain
Reactivity:	Human
Purification:	Ascites
Presentation:	Supplied as a liquid.
Recommended Storage:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
Usage Summary:	Suitable for use in Flow Cytometry, Immunoprecipitation, ELISA, Western Blot and Immunohistochemistry. Immunohistochemistry (Frozen): 1:100-1:1000. Cold acetone fixation. Immunoprecipitation: 1-5 ul per 300-500 ul of cell lysate. Use protein A or rabbit anti-mouse IgG. Optimal dilutions will need to be determined by the end-user. Positive control: Human lymphatic tissues.
Uses:	IHC - Paraffin (1:50), IHC - Frozen (1:100 - 1:1000), Western blot, Immunoprecipitation, Flow Cytometry, ELISA (Optimal dilution to be determined by the researcher)
Size:	50 µl

Immunohistochemistry Image:



Anti-VEGFR3 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B6053 dilution 1:50.

Requested From:	Japan