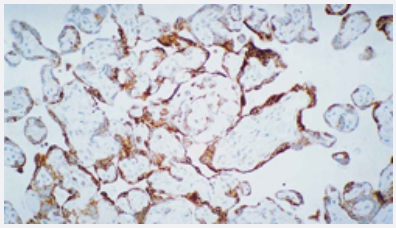
FLT4 monoclonal antibody, clone KLT9

Catalog # MAB22784 Size

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FLT4.
Immunogen	Recombinant protein corresponding to 227 amino acids region of the external domain of the human FLT4.
Host	Mouse
Reactivity	Human
Specificity	Human vascular endothelial growth factor receptor-3 (VEGFR-3).
Form	Liquid
Isotype	IgG2b, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100, 60 minutes primary antibody incubation at 25°C) The optimal working dilution should be determined by the end user.
Storage Buffer	In tissue culture supernatant (15 mM sodium azide).
Storage Instruction	Store at 4°C. Prepare working dilutions on the day of use.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. Recommended positive control for immunohistochemistry is placenta.

Applications

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  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta.

Gene Info — FLT4

Entrez GeneID	2324
Gene Name	FLT4
Gene Alias	FLT41, LMPH1A, PCL, VEGFR3
Gene Description	fms-related tyrosine kinase 4
Omim ID	136352 153100 602089
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. Th e protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endoth elium. Mutations in this gene cause hereditary lymphedema type IA. [provided by RefSeq
Other Designations	soluble VEGFR3 variant 1|soluble VEGFR3 variant 2|soluble VEGFR3 variant 3|vascular endothel ial growth factor receptor 3

Pathway

- Cytokine-cytokine receptor interaction
- Focal adhesion

Disease

- Breast cancer
- Cardiovascular Diseases

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- Chorioamnionitis
- Chylothorax
- Diabetes Mellitus
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Kidney Failure
- Lymphangiectasis
- Lymphedema
- Obstetric Labor
- Pre-Eclampsia
- Premature Birth

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