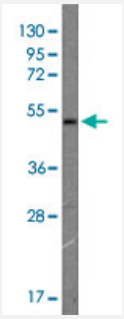
FLT4 monoclonal antibody, clone 44CT92.4.4

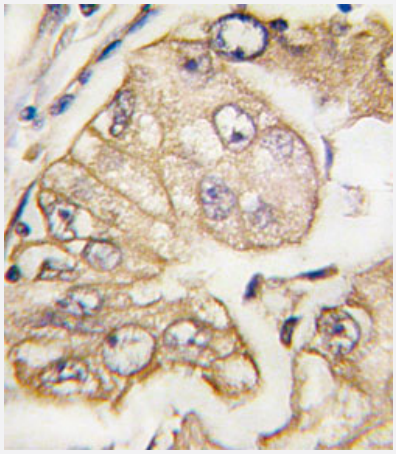
Catalog # MAB12327 Size 400 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis of FLT4 recombinant protein reacted with FLT4 monoclonal antibody (Cat # MAB12327) at 1:2000 dilution.



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

Immunohistochemical staining of formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with FLT4 monoclonal antibody (Cat # MAB12327) at 1:10-1:50 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FLT4.
Immunogen	Recombinant His fusion protein corresponding to human FLT4.
Host	Mouse
Reactivity	Human
Form	Liquid

Purification	Protein G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (1:10-1:50) Western Blot (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

  Western blot analysis of FLT4 recombinant protein reacted with FLT4 monoclonal antibody (Cat # MAB12327) at 1:2000 dilution.

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

  Immunohistochemical staining of formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with FLT4 monoclonal antibody (Cat # MAB12327) at 1:10-1:50 dilution.

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