

Product datasheet for **TA355357**

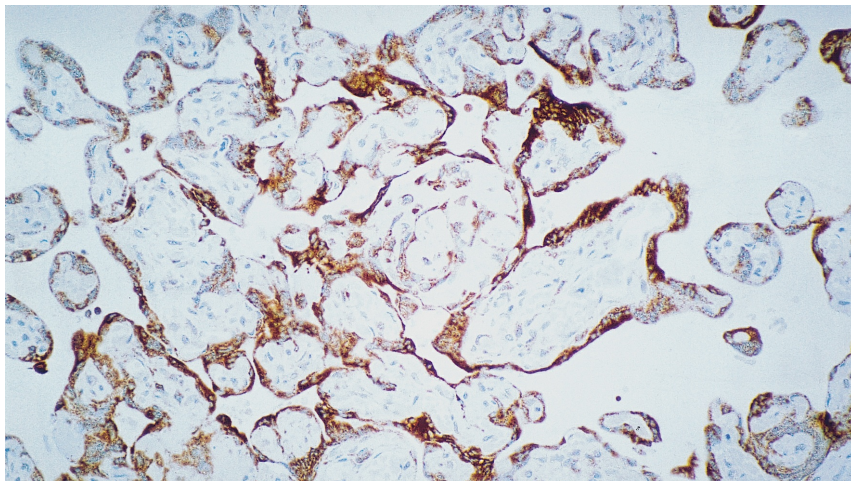
FLT4 Mouse Monoclonal Antibody [Clone ID: KLT9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	KLT9
Applications:	IHC
Recommended Dilution:	1:50 - 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	A 227 amino acid region of the external domain of the human VEGFR-3 molecule
Specificity:	Human vascular endothelial growth factor receptor-3 (VEGFR-3)
Formulation:	Liquid tissue culture supernatant containing 15 mM sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	fms related tyrosine kinase 4
Database Link:	Entrez Gene 2324 Human P35916
Background:	VEGFR-3 (FLT4) is a receptor tyrosine kinase similar in structure to VEGFR-1 and VEGFR-2 but does not bind VEGF; however, the two known ligands have a high degree of homology to VEGF and are known as VEGF-C and VEGF-D. VEGFR-3 is reported to be found in many tissues including lung, intestine, brain and placenta (syncytiotrophoblasts). Throughout embryogenesis, VEGFR-3 mRNA is expressed in most endothelial cells, whilst being restricted to lymphatic vessels later in development. It appears to play an important role in the normal development of blood and lymphatic vessels. In tumors, expression has been reported in blood capillary endothelium and VEGFR-3 is thought to be involved in angiogenesis during tumor growth.
Synonyms:	FLT41; LMPH1A; PCL; VEGFR-3; VEGFR3



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Product images:

Human placenta: immunohistochemical staining for Vascular Endothelial Growth Factor Receptor-3: clone KLT9