

Mouse anti-Vascular Endothelial Growth Factor (VEGF), clone VEGF-21 (Monoclonal)

Clone no. VEGF-21

MONOSAN

Product name	Mouse anti-Vascular Endothelial Growth Factor (VEGF), clone VEGF-21 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IHC-P, IF
Species reactivity	human, dog, mouse, rabbit, rat
Conjugate	-
Immunogen	human VEGF189 recombinant protein
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	VEGF-21
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-Vascular Endothelial Growth Factor (VEGF), clone VEGF-21 (Monoclonal)

Clone no. VEGF-21

MONOSAN

Additional info

VEGF-21 reacts with Vascular Endothelial Growth Factor, also known as Vascular Permeability Factor (VEGF/ VPF) and is the key mediator of angiogenesis. The MWs are 19- 22kDa (reducing) and 38kDa-44kDa (non-reducing). There are multiple isoforms of VEGF containing 206-, 189-, 165-, and 121-amino acid residues. The smaller two isoforms, VEGF165 and VEGF121, are secreted proteins and act as diffusible agents, whereas the larger two remain cell associated. VEGF/VPF plays an important role in angiogenesis, which promotes tumor progression and metastasis. In addition to endothelial cells, VEGF and VEGF receptors are expressed on numerous non-endothelial cells including tumor cells.

References

1. Tischer E. et al. J. Biol. Chem 266: 11947-11954 (1991)
2. Berse B. et al, Mol. Biol. Cell 3: 211-220 (1992)
3. Folkman J. et al, Nature 339: 58-61 (1989)
4. -
5. -

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES