

VEGI (1-8F-7G)

Type	Size	Catalog number
unconjugated	100µg	102001

Antigen:	Vascular endothelial cell growth inhibitor (VEGI)
Immunogen:	Recombinant VEGI isoforms
Host/Isotype:	Mouse IgG1, κ
Reactivity:	Human
Purity:	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation:	PBS, pH7.2, 0.09%NaN ₃
Storage:	Store at 2-8°C for 12 months
Applications:	WB, IHC, ELISA

Application Information

It is strongly suggested that the antibody reactivity be empirically titrated by the end user for optimal performance in the application of interest.

- WB: 1:100 - 1:500
- IHC: assay dependent
- ELISA: assay dependent

Antigen Information

Vascular endothelial cell growth inhibitor (VEGI), a member of the tumor necrosis factor (TNF) family, is an endothelial cell-specific inhibitor of angiogenesis. Overexpression of a secretable VEGI fusion protein by cancer cells resulted in abrogation of xenograft tumor progression. 4-3H8B antibody is a mouse monoclonal IgG1 raised against a recombinant VEGI isoform which shares a C-terminal 151-residue segment with previously reported VEGI with 174 residues.

References

1. Zhai, Y., Ni, J., Jiang, G., Lu, J., Xing, L., Lincoln, C., Carter, K. C., Janat, F., Kozak, D., Xu, S., Rojas, L., Aggarwal, B. B., Ruben, S., Li, L., Gentz, R. and Yu, G. (1999) VEGI, a novel cytokine of the tumor necrosis factor family, is an angiogenesis inhibitor that suppresses the growth of colon carcinomas in vivo. *FASEB J.* 13, 181-189.
2. Chew LJ, Pan H, Yu J, Tian S, Huang WQ, Zhang JY, Pang S, Li LY, A novel secreted splice variant of vascular endothelial cell growth inhibitor, *FASEB J.* 2002, 16(7):742-4.

Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.