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| Cat. No: | AB-82949 |
| Conjugate: | Unconjugated |
| Size: | 100 ug |
| Clone: | POLY |
| Concentration: | 1mg/ml |
| Host: | Rb |
| Isotype: | IgG |
| Immunogen: | Synthetic peptide corresponding to a sequence within amino acids 40-100 of mouse VEGFB |
| Reactivity: | Hu, Ms, Rt |
| Applications: | WB 1:1000 - 1:2000 IHC 1:50 - 1:200 |
| Molecular Weight: | 32kDa |
| Purification: | Aff. Pur. |
| Synonyms: | VEGFB;VEGFL;VRF;VEGF-B |

Background: This gene encodes a member of the PDGF (platelet-derived growth factor)/VEGF (vascular endothelial growth factor) family. The VEGF family members regulate the formation of blood vessels and are involved in endothelial cell physiology. This member is a ligand for VEGFR-1 (vascular endothelial growth factor receptor 1) and NRP-1 (neuropilin-1). Studies in mice showed that this gene was co-expressed with nuclearencoded mitochondrial genes and the encoded protein specifically controlled endothelial uptake of fatty acids. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

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| Form: | Liquid |
| Buffer: | PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |

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