

Datasheet

Kdr polyclonal antibody

Catalog Number: PAB12162

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of Kdr.

Immunogen: A synthetic peptide corresponding to amino acids 1300-1367 of mouse Kdr.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: WB-Ce, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody is specific to VEGFR-2.

Form: Liquid

Recommend Usage: Western Blot (1:250-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In Tris-glycine, 150 mM NaCl (0.05% sodium azide)

Storage Instruction: Store at 4°C. Do not freeze.

Entrez GeneID: 16542

Gene Symbol: Kdr

Gene Alias: 6130401C07, Flk-1, Flk1, Krd-1, Ly73, VEGFR-2, VEGFR2

References:

1. Expansion of myeloid immune suppressor Gr⁺CD11b⁺ cells in tumor-bearing host directly promotes tumor angiogenesis. Yang L, DeBusk LM, Fukuda K, Fingleton B, Green-Jarvis B, Shyr Y, Matrisian LM, Carbone DP, Lin PC. Cancer Cell. 2004

Oct;6(4):409-21.

2. A single autophosphorylation site on KDR/Flk-1 is essential for VEGF-A-dependent activation of PLC-gamma and DNA synthesis in vascular endothelial cells. Takahashi T, Yamaguchi S, Chida K, Shibuya M. EMBO J. 2001 Jun 1;20(11):2768-78.

3. Receptor chimeras indicate that the vascular endothelial growth factor receptor-1 (VEGFR-1) modulates mitogenic activity of VEGFR-2 in endothelial cells. Rahimi N, Dayanir V, Lashkari K. J Biol Chem. 2000 Jun 2;275(22):16986-92.