

Polyclonal Antibody to VEGI

Cat. #: Pab-605121 (0.1mg)

Description:

VEGI is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. An additional isoform encoded by an alternatively spliced transcript variant has been reported but the sequence of this transcript has not been determined

Immunogen/Specificity:

Ni-NTA purified truncated recombinant VEGI expressed in E. Coli strain BL21 (DE3)

Applications :

Western Blot: Dilution 1: 200- 1: 1,000

IHC£™P£©: Dilution 1:200- 1: 1,000

IHC£™F£©: Dilution 1: 200- 1: 1,000

ELISA: Propose dilution 1: 10,000.

Determining optimal working dilutions by titration test.

Formulation

Antibodies are purified by protein A affinity chromatography.

Reference:

1. kang YJ et.al Cytokine. 2005 Mar 7;29(5):229-35
2. Prehn JL et.al Clin Immunol. 2004 Jul;112(1):66-77.

Clone Number:

Isotype:

Species:Human

Storage and Stability: stored at -20 C

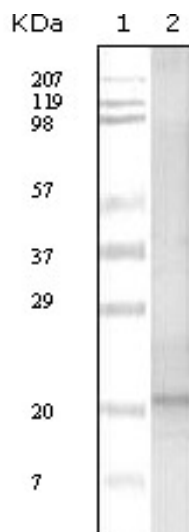


Figure 1: Western blot analysis using anti- human VEGI polyclonal antibody against truncated VEGI recombinant protein.