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Rabbit Anti-human VEGF pAb

Catalog No.	CPV002A CPV002B	**Quantity:**	100 µg 200 µg

Alternate Names: Vascular Endothelial Growth Factor, GD-VEGF, VAS, Vasculotropin, VEGF-A, VPF

Description: Rabbit Anti-human VEGF polyclonal antibody

Specificity: Human VEGF

Host: Rabbit

Immunogen: Recombinant human $VEGF_{165}$ Dimer

Isotype: IgG

Formulation: Lyophilized from a 0.2 µm sterile filtered solution in PBS, pH 7.4, without preservative

Purification: Protein A chromatography

Reconstitution: **Centrifuge vial prior to opening**. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration > 0.5 mg/ml.

Applications

ELISA: When used at a concentration of 0.5 mg/ml (assuming 100 µl/well antibody solution), in conjunction with compatible secondary reagents, allows the detection of 0.5-1.0 ng/well of recombinant human $VEGF_{165}$ or other VEGF splice forms.
Neutralization: Requires a concentration of 1-2.5 µg/ml to yield one-half maximal inhibition (ND50) of the biological activity of human VEGF (50 ng/ml).
Immunoprecipitation: Use at 1-5 µg IgG per 1 ml lysate or reaction volume.

The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Lyophilized antibody is stable for one month at 2-4°C and for greater than 1 year at -20°C. Reconstituted antibody is stable for six weeks at 2-4°C. **Avoid repeated freeze-thaw cycles.**

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