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## Data Sheet

### Anti-VEGF Antibody

Recombinant, Human, Monoclonal

**Catalog #:** 79478-1

**Lot #:** 180220

**Conc.:** 1.61 mg/ml

#### Host Species | Isotype:

Human | IgG1

**Formulated in:** 8mM phosphate, 110mM NaCl, 2.2mM KCl, pH7.4, and 20% glycerol

**Stability:** Stable for at least 12 months at -80°C. Avoid freeze/thaw cycles. Store diluted antibody with carrier protein (BSA 0.1 – 0.5%) at 4°C, stable for 2 weeks.

**Description:** Anti-VEGF recombinant Human antibody. This antibody not been tested for cross-reactivity with other species.

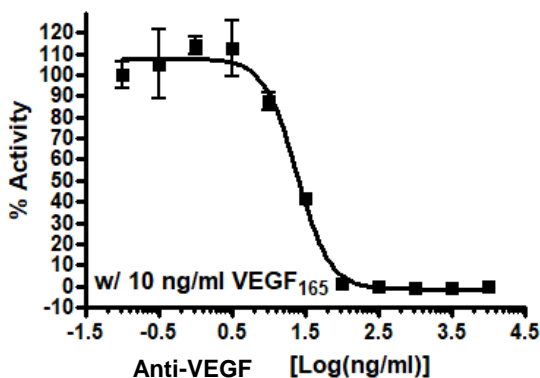
**Purification:** Protein A affinity purification from HEK293 supernatants.

**Application:** VEGF is a cell surface protein which signals for the growth of blood vessels. Anti-VEGF monoclonal antibodies are used to block tumor angiogenesis.

#### References:

1. Rosenfeld, P. et al., *Healio*. 2005; 36(4): 331-335.
2. Avery, R., et al., *Ophthalmology*. 2006; 113(3): 363-372.

#### Specific Activity



**Fig.1** The Anti-VEGF Antibody was evaluated using KDR-NFAT-Luc (HEK293) Cell Line (BPS# 79387). VEGF165 (10 ng/ml at final concentration) was incubated with various concentrations of Anti-VEGF Antibody in the assay medium (DMEM + 1% BSA) for 45 min at room temperature and added to the cells. After 4 hour incubation at 37°C under 5% CO<sub>2</sub>, ONE-Step Luciferase Assay System (BPS# 60690) was used to measure the luciferase activity.

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