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# Anti-VEGFA Antibody

Catalog # AP96116

## Product Information

| | |
|---|---|
| **Application** | WB, FC |
| **Primary Accession** | P15692 |
| **Reactivity** | Human |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Calculated MW** | 43597 |

## Additional Information

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|---|---|
| **Gene ID** | 7422 |
| **Other Names** | VEGF; Vascular endothelial growth factor A; VEGF-A; Vascular permeability factor; VPF |
| **Target/Specificity** | Recombinant fusion protein of human VEGFA expressed in E. Coli |
| **Dilution** | WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200) |
| **Format** | Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

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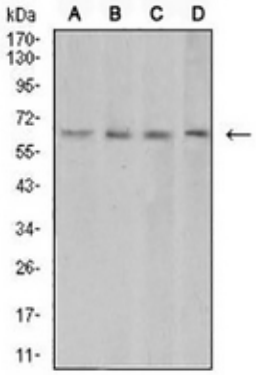
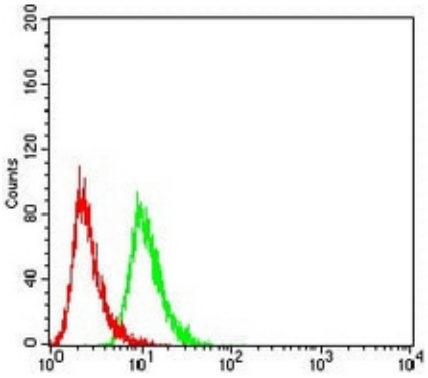
|---|---|
| **Name** | VEGFA |
| **Synonyms** | VEGF |
| **Function** | [N-VEGF]: Participates in the induction of key genes involved in the response to hypoxia and in the induction of angiogenesis such as HIF1A (PubMed:35455969). Involved in protecting cells from hypoxia- mediated cell death (By similarity). |
| **Cellular Location** | [N-VEGF]: Cytoplasm. Nucleus. Note=Cytoplasmic in normoxic conditions and localizes to the nucleus under hypoxic conditions [Isoform L-VEGF189]: Endoplasmic reticulum. Golgi apparatus. Secreted, extracellular space, extracellular matrix [Isoform VEGF165]: Secreted |
| **Tissue Location** | Higher expression in pituitary tumors than the pituitary gland. [Isoform VEGF165]: Widely expressed. [Isoform VEGF206]: Not widely expressed. |

## Images




Western blot analysis of VEGFA expression in HUVEC (A), HEK293 (B), Jurkat (C), Hela (D) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 65 kD)




Flow cytometric analysis of HeLa cells using Anti-VEGFA Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.