

Product Datasheet

VEGF/Vegfa/VEGF164 Rabbit Polyclonal Antibody (orb412953)

Catalog Number	orb412953
Category	Antibodies
Description	Anti-VEGF/Vegfa/VEGF164 Antibody. Tested in ELISA, WB applications. This antibody reacts with Mouse, Rat.
Target	Cytochrome P450 11B1/2, mitochondrial
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Mouse, Rat
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Buffer/Preservatives	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Immunogen	E. coli-derived mouse VEGF/VEGF164 recombinant protein (Position: A27-R190).
UniProt ID	Q00731

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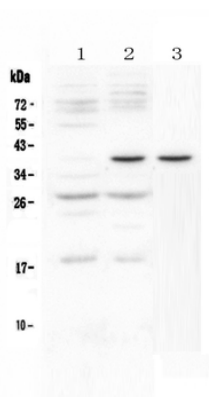
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MW	27 kDa, 40 kDa
Tested applications	ELISA, WB
Dilution range	Western blot, 0.1-0.5µg/ml ELISA, 0.1-0.5µg/ml
Specificity	No cross reactivity with other proteins.
Cross Reactivity	No cross-reactivity with other proteins.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Western blot analysis of VEGF/VEGF164 using anti-VEGF/VEGF164 antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50 ug of sample under reducing conditions. Lane 1: mouse thymus tissue lysates, Lane 2: mouse HEPA1-6 whole cell lysates, Lane 3: rat C6 whole cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-VEGF/VEGF164 antigen affinity purified polyclonal antibody at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for VEGF/VEGF164 at approximately 27KD, 40KD. The expected band size for VEGF/VEGF164 is at 25KD.

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