

Product Datasheet

VEGF-A antibody (orb344659)

Description

VEGF-A antibody

Species/Host

Rabbit

Reactivity

Bovine

Conjugation

Unconjugated

Tested

ELISA, WB

Applications
Immunogen

This protein-A purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a recombinant protein raised in yeast, corresponding to the 164 amino acids of the mature bovine VEGF-A protein.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.51 mg/mL

Storage

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Note

For research use only

Application notes

This protein-A purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 19.2 kDa in size corresponding to bovine VEGF-A protein by western blotting in the appropriate cell lysate or extract.

Isotype

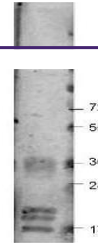
IgG

Clonality

Polyclonal

Purity

This product was Protein-A purified from monospecific antiserum by chromatography. This antibody is specific for bovine VEGF-A protein. A BLAST analysis was used to suggest cross-reactivity with VEGF-A from bovine, pig, sheep, and macaque sources based on 100% homology with the immunizing sequence. Partial reactivity is expected against human, horse, dog, cat, or guinea pig based on 95% homology; and to rat and mouse based on 93% homology. Cross-reactivity with VEGF-A from other sources has not been determined.



Western blot using Biorbyt's Protein-A P...

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Expiration Date

12 months from date of receipt.