

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, mouse, and rat EG-VEGF in direct ELISAs and Western blots. In direct ELISAs, 100% cross-reactivity with recombinant human EG-VEGF and recombinant mouse EG-VEGF is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 239727
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant rat EG-VEGF Ala20-Phe105 (predicted) Accession # Q8R414
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

EG-VEGF, a member of the prokineticin family of secreted proteins, is expressed in multiple tissues including the gastrointestinal tract, testis, ovary, placenta and adrenal glands. It binds to the G protein-coupled receptors, EG-VEGF/PK1-R1 and EG-VEGF/PK2-R2, leading to stimulation of smooth muscle contraction and tissue-specific angiogenesis.

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