www.bioss.com.cn
400-901-9800
sales@bioss.com.cn
support@bioss.com.cn

Product Datasheet

Name: Mouse Anti-VEGF165 Monoclonal Antibody

Description: Hybridoma clones have been derived from hybridization of myeloma cells with spleed cells of BALB/c mouse immunized with recombinant human VEGF165.

Catalog No.	Isotype	Clone	Unit	Buffer
V2601	IgG1	12H8K	mg	10mM PBS (pH7.4)

Specificity: Mabs react with antigen human VEGF165

Host: Mouse

Clonality: Monoclonal

Format: Liquid

Concentration: ≥1mg/ml

Purification: ≥90% (SDS-PAGE)

Preservative: 0.1%Proclin300

Application: Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

Storage: Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: Vascular endothelial growth factor (VEGF), originally known as vascular permeability factor (VPF), is a signal protein produced by cells that stimulates the formation of blood vessels. Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. NRP1/Neuropilin-1 binds isoforms VEGF-165 and VEGF-145. Isoform VEGF165B binds to KDR but does not activate downstream signaling pathways, does not activate angiogenesis and inhibits tumor growth.

Note: This product as supplied is intended for research or further manufacturing use only.