

Catalog	Unit
TBS10368-0.5MG	0.5 mg
TBS10368-1MG	1 mg
TBS10368-5MG	5 mg

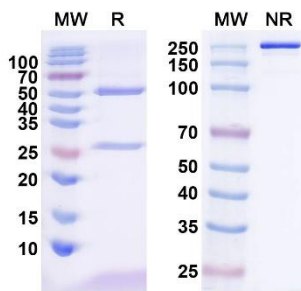
**Description**

Tribioscience in vivo Anti-Human VEGFA is a high-specificity monoclonal antibody targeting human Vascular Endothelial Growth Factor A (VEGF-A), widely used in research related to cancer, ophthalmic, cardiovascular, and inflammatory diseases. By inhibiting the binding of VEGF-A to its receptors, this antibody effectively blocks angiogenesis, aiding in the study of VEGF-A-mediated pathological processes and providing a reliable tool for anti-angiogenesis therapy development.

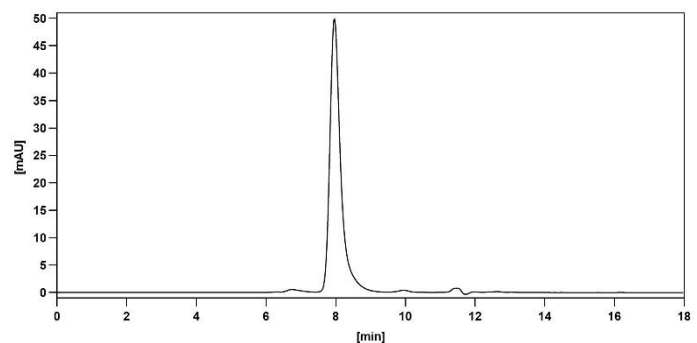
**Product Details**

<b>Applications:</b>	ELISA, FCM, Neutralization
<b>Species reactivity:</b>	Human
<b>Host:</b>	Human
<b>Isotype:</b>	IgG1, kappa
<b>Target:</b>	Vascular endothelial growth factor A, VPF, VEGFA, VEGF, Vascular permeability factor, VEGF-A.
<b>Uniprot:</b>	P15692
<b>Concentration:</b>	3 mg/ml
<b>Purity:</b>	>95%
<b>Formulation:</b>	Liquid
<b>Storage buffer:</b>	0.01M PBS, pH 7.4.
<b>Purification:</b>	Protein A/G purified from cell culture supernatant.
<b>Clonality:</b>	Monoclonal
<b>Storage:</b>	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

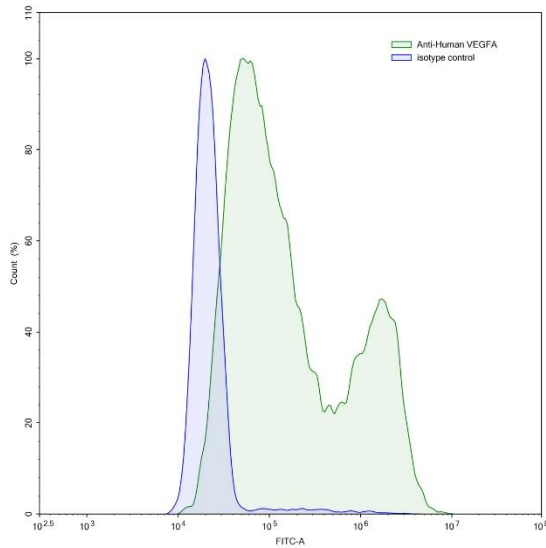
**Data Image**



**Fig. 1. SDS-PAGE for InVivoMab Anti-Human VEGFA.**  
 MW: Molecular Weight (kDa) Marker.  
 R: Reducing conditions.  
 NR: Non-Reducing conditions.



**Fig. 2. SEC-HPLC detection for InVivoMab Anti-Human VEGFA.**



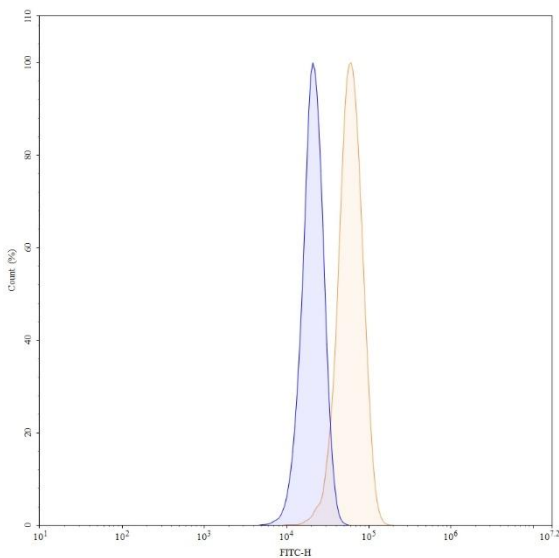
**Fig. 3. Flow-cytometry using anti-human VEGFA antibody.**

VEGFA Transfected CHO cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human VEGFA monoclonal antibody (Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody and cells analyzed on a NovoCyte Flow Cytometer.



**Fig. 4. Flow-cytometry using APC anti-human VEGFA antibody.**

U87 cells were fixed and permeabilized, then stained with an irrelevant antibody (Blue Histogram) or an APC anti-human VEGFA monoclonal antibody (Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte Flow Cytometer.



**Fig. 5. Flow-cytometry using FITC anti-human VEGFA antibody.**

U87 cells were fixed and permeabilized, then stained with an irrelevant antibody (Blue Histogram) or an FITC anti-human VEGFA monoclonal antibody (Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte Flow Cytometer.

**For research use only.**