

# Anti-ANG2 & VEGFA Reference Antibody (Vanucizumab)

Catalog # APR11616

## Product Information

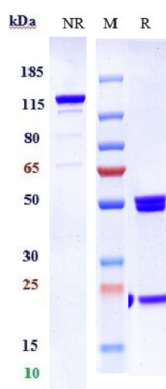
|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| <b>Application</b>       | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| <b>Primary Accession</b> | <a href="#">Q9UID3 &amp; P15692</a>                            |
| <b>Reactivity</b>        | Human                                                          |
| <b>Clonality</b>         | Bispecific                                                     |
| <b>Isotype</b>           | IgG-like                                                       |

## Additional Information

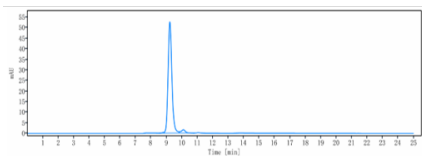
|                           |              |
|---------------------------|--------------|
| <b>Target/Specificity</b> | VEGFA,ANGPT2 |
| <b>Expression system</b>  | CHO          |

## Protein Information

## Images

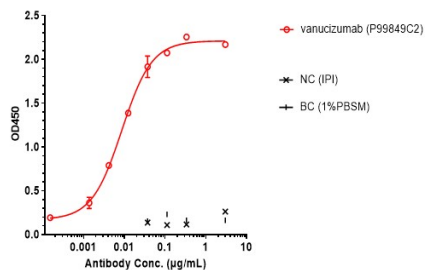
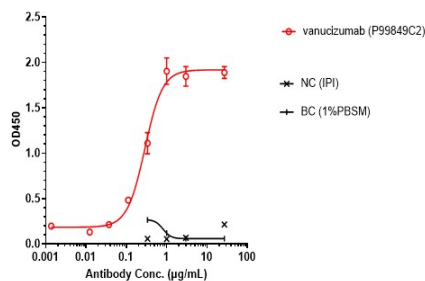


Anti-ANG2 & VEGFA Reference Antibody (Vanucizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 96%.

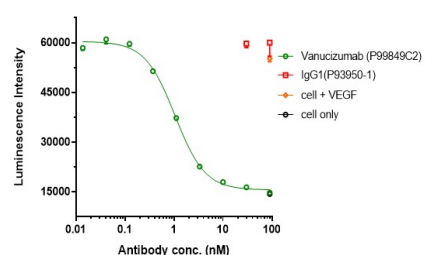


The purity of Anti-ANG2 & VEGFA Reference Antibody (Vanucizumab) is more than 95%, determined by SEC-HPLC.

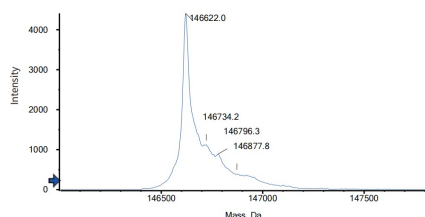
Vanucizumab bound to ANG2 protein, and then rebounded to secondary antibodies (Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Vanucizumab bound to in huANG2-His, and the EC50 was 0.288 nM.



Vanucizumab bound to VEGFA protein, and then rebounded to secondary antibodies (Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Vanucizumab bound to in huVEGFA-His, and the EC50 was 0.009 nM.



Co-incubation of Vanucizumab with VEGF protein, then with the addition of VEGF-NF-AT-HEK293 cells and incubated for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Vanucizumab can neutralize VEGF-165, and the IC50 was 1.075 nM.



The detected molecular weight of Anti-ANG2 & VEGFA Reference Antibody (Vanucizumab) is 146.62 kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.