

anti-Human Ranibizumab Monoclonal Antibody | anti-VEGFA antibody

Research Grade Ranibizumab

CATALOG #
AAA120044

REACTIVITY
Human

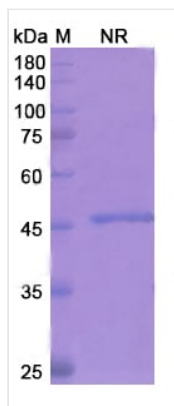
PRODUCT SYNONYMS

Ranibizumab; Monoclonal Antibody; Research Grade Ranibizumab; Fab-12 variant Y0317; RhuFab; Vascular endothelial growth factor A; VPF; VEGFA; VEGF; Vascular permeability factor; VEGF-A; anti-VEGFA antibody

PRODUCT SPECIFICATIONS

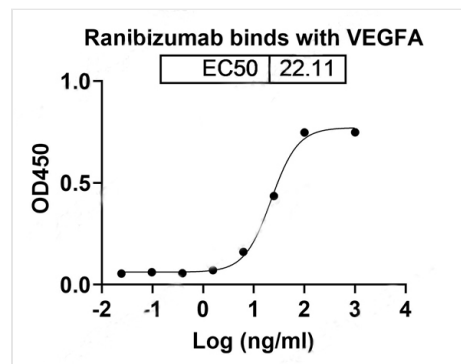
Reactivity	Human
Clonality	Monoclonal
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Humanized
CAS	347396-82-1
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

SDS PAGE for Ranibizumab



Bioactivity

Detects Human VEGFA in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-VEGFA antibody

[Research Biosimilar](#)

References	Ranibizumab for myopic choroidal neovascularization, PMID: 33003962 Aflibercept, bevacizumab or ranibizumab for diabetic macular oedema: recent clinically relevant findings from DRCR.net Protocol T, PMID: 28837425 Ranibizumab versus laser therapy for the treatment of very low birthweight infants with retinopathy of prematurity (RAINBOW): an open-label randomised controlled trial, PMID: 31522845 Ranibizumab: A Review in Retinopathy of Prematurity, PMID: 33447937 The Port Delivery System with Ranibizumab for Neovascular Age-Related Macular Degeneration: Results from the Randomized Phase 2 Ladder Clinical Trial, PMID: 30946888
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NCBI AND UNIPROT INFORMATION

NCBI GI #	324120930
NCBI GeneID	7422
NCBI Accession #	NP_001191313.1
NCBI GenBank Nucleotide #	NM_001204384.1
UniProt Accession #	P15692; O60720; O75875; Q074Z4; Q16889; B5BU86; H0Y2S8; H0Y407; H0Y414; H0Y462; H0Y8N2; H3BLW7
Molecular Weight	27,042 Da
NCBI Official Full Name	vascular endothelial growth factor A isoform q
NCBI Official Synonym Full Names	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VPF; VEGF; MVCD1
NCBI Protein Information	vascular endothelial growth factor A; vascular permeability factor
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.