

## anti-Human Icrucumab Monoclonal Antibody | anti-FLT1 antibody

Research Grade Icrucumab

|                               |                            |
|-------------------------------|----------------------------|
| CATALOG #<br><b>AAA120056</b> | REACTIVITY<br><b>Human</b> |
|-------------------------------|----------------------------|

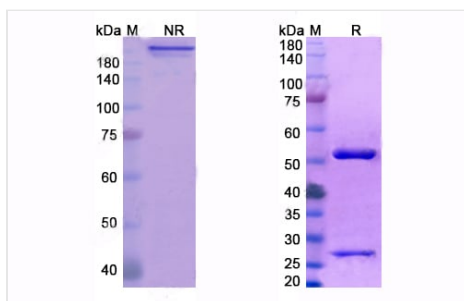
### PRODUCT SYNONYMS

Icrucumab; Monoclonal Antibody; Research Grade Icrucumab; 18F1; IMC-18F1; LY3012212; FLT1; Vascular endothelial growth factor receptor 1; VEGFR1; Vascular permeability factor receptor; FRT; Tyrosine-protein kinase receptor FLT; VEGFR-1; FLT; FLT-1; Tyrosine-protein kinase FRT; Fms-like tyrosine kinase 1; anti-FLT1 antibody

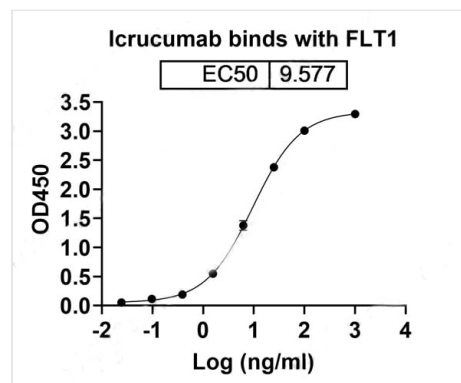
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                    |
| Clonality               | Monoclonal                                                                                                                               |
| Isotype                 | IgG1-kappa                                                                                                                               |
| Purity/Purification     | >95%; Protein A or G purified from cell culture supernatant.                                                                             |
| Form/Format             | Liquid. PBS buffer, pH7.4                                                                                                                |
| Concentration           | 2.49 mg/ml (varies by lot)                                                                                                               |
| Host Species            | Human                                                                                                                                    |
| CAS                     | 1024603-92-6                                                                                                                             |
| Preparation and Storage | Store at -20 degree C 12 months. Store at -80 degree C long term.<br>Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

### IMAGES



SDS-PAGE  
SDS PAGE for Icrucumab



Bioactivity  
Detects Human FLT1 in direct ELISAs.

### ADDITIONAL INFORMATION

|                                                  |                     |
|--------------------------------------------------|---------------------|
| Product Categories/Family for anti-FLT1 antibody | Research Biosimilar |
|--------------------------------------------------|---------------------|

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| References | <p>Randomized phase II study of modified FOLFOX-6 in combination with ramucirumab or icrucumab as second-line therapy in patients with metastatic colorectal cancer after disease progression on first-line irinotecan-based therapy, PMID: 27733377</p> <p>Randomized Phase II Study of Ramucirumab or Icrucumab in Combination with Capecitabine in Patients with Previously Treated Locally Advanced or Metastatic Breast Cancer, PMID: 28220020</p> <p>Docetaxel As Monotherapy or Combined With Ramucirumab or Icrucumab in Second-Line Treatment for Locally Advanced or Metastatic Urothelial Carcinoma: An Open-Label, Three-Arm, Randomized Controlled Phase II Trial, PMID: 26926681</p> <p>Risk of hypertension with anti-VEGF monoclonal antibodies in cancer patients: a systematic review and meta-analysis of 105 phase II/III randomized controlled trials, PMID: 34229563</p> <p>Metastasis and the Tumor Microenvironment: A Joint Metastasis Research Society-AACR Conference - Research on Metastasis: part 2, PMID: 21046523</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 229892220                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 2321                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001153392.1                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001159920.1                                                                                                                                                                                                                                                  |
| UniProt Accession #              | P17948; O60722; P16057; A3E342; A3E344; A8KA71; B0LPF1; B2BF46; B2BF47; B3FR89; B5A923; F5H5L6                                                                                                                                                                  |
| Molecular Weight                 | 150,769 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | vascular endothelial growth factor receptor 1 isoform 2                                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | fms-related tyrosine kinase 1                                                                                                                                                                                                                                   |
| NCBI Official Symbol             | FLT1                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | FLT; FLT-1; VEGFR1; VEGFR-1                                                                                                                                                                                                                                     |
| NCBI Protein Information         | vascular endothelial growth factor receptor 1; fms-like tyrosine kinase 1; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular |
| UniProt Protein Name             | Vascular endothelial growth factor receptor 1                                                                                                                                                                                                                   |
| UniProt Gene Name                | FLT1                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | FLT; FRT; VEGFR1; VEGFR-1; FLT-1; FLT                                                                                                                                                                                                                           |
| UniProt Entry Name               | VGFR1_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.