

## Ramucirumab Biosimilar - Research Grade ICH4032

### Product Information

<b>Catalog Number:</b>	ICH4032
<b>Product:</b>	Low endotoxin, biosimilar antibody
<b>Target:</b>	VEGFR2
<b>Isotype:</b>	IgG1
<b>Other names:</b>	Vascular endothelial growth factor receptor 2, Kdr, VEGFR-2, Fetal liver kinase 1, FLK-1, Kinase NYK, Protein-tyrosine kinase receptor flk-1, Flk1, CD309
<b>Host:</b>	Humanized
<b>Species Reactivity:</b>	Human
<b>Specificity:</b>	Detects human VEGFR2. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Ramucirumab.
<b>Purification method:</b>	This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
<b>Concentration:</b>	1.0 - 5.0 mg/ml
<b>Formulation:</b>	Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.
<b>Purity:</b>	>95% by SDS-PAGE and HPLC
<b>Endotoxin:</b>	≤ 0.75 EU/mg as determined by the LAL method
<b>Storage:</b>	Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

### Background:

Ramucirumab is a recombinant human IgG1 monoclonal antibody that specifically binds to vascular endothelial growth factor receptor 2. ramucirumab has an approximate molecular weight of 147 kDa. ramucirumab is produced in genetically engineered mammalian CHO cells.