

Ofatumumab Biosimilar - Research Grade ICH4027

Product Information

Catalog Number:	ICH4027
Product:	Low endotoxin, biosimilar antibody
Target:	CD20
Isotype:	IgG1 kappa
Other names:	B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, MS4A1
Host:	Humanized
Species Reactivity:	Human
Specificity:	Detects human CD20. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Ofatumumab.
Purification method:	This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Concentration:	1.0 - 5.0 mg/ml
Formulation:	Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.
Purity:	>95% by SDS-PAGE and HPLC
Endotoxin:	≤ 0.75 EU/mg as determined by the LAL method
Storage:	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:

Ofatumumab biosimilar is an IgG1κ human monoclonal antibody with a molecular weight of approximately 149 kDa. The antibody is produced in a recombinant CHO cell line using standard mammalian cell cultivation and purification technologies.