

**Anti-CD20 Reference Antibody (ocrelizumab)
Recombinant Antibody
Catalog # APR10376****Specification**

Anti-CD20 Reference Antibody (ocrelizumab) - Product Information

Application	FC, E, FTA
Primary Accession	P11836
Reactivity	Cynomolgus, Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.82 KDa

Anti-CD20 Reference Antibody (ocrelizumab) - Additional Information**Target/Specificity**
CD20**Endotoxin**
< 0.001EU/ µg, determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.**Storage**
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-CD20 Reference Antibody (ocrelizumab) - Protein Information****Name** MS4A1**Synonyms** CD20**Function**
B-lymphocyte-specific membrane protein that plays a role in the regulation of cellular calcium influx necessary for the development, differentiation, and activation of B-lymphocytes (PubMed: [12920111](http://www.uniprot.org/citations/12920111), PubMed: [3925015](http://www.uniprot.org/citations/3925015), PubMed: [7684739](http://www.uniprot.org/citations/7684739)). Functions as a store-operated calcium (SOC) channel component promoting calcium influx after activation by the

B-cell receptor/BCR (PubMed:12920111, PubMed:18474602, PubMed:7684739).

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell membrane; Lipid-anchor. Note=Constitutively associated with membrane rafts.

Tissue Location

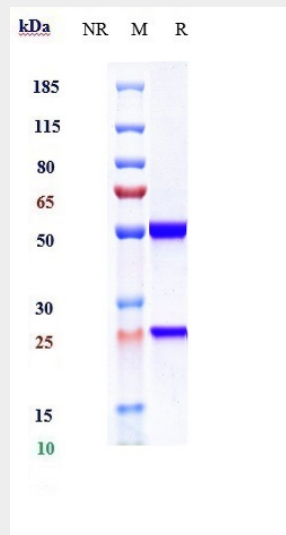
Expressed on B-cells.

Anti-CD20 Reference Antibody (ocrelizumab) - Protocols

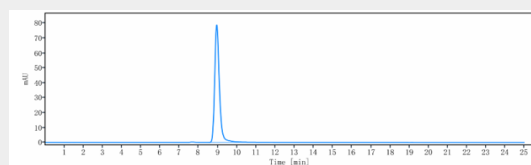
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD20 Reference Antibody (ocrelizumab) - Images

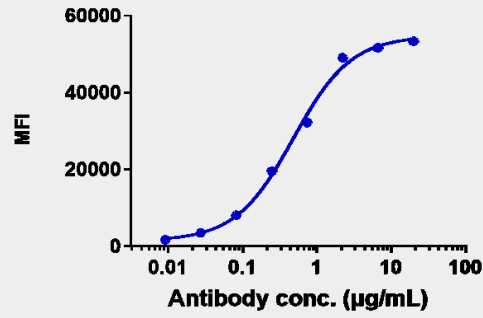


Anti-CD20 Reference Antibody (ocrelizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CD20 Reference Antibody (ocrelizumab) is more than 95% ,determined by

SEC-HPLC.



Human CD20 CHO-K1 cells were stained with Anti-CD20 Reference Antibody (ocrelizumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC440=0.48 µg/mL