

Anti-CD20 Reference Antibody (ofatumumab)

Recombinant Antibody

Catalog # APR10520

Product Information

| | |
|--------------------------|----------------------------|
| Application | FC, Kinetics, Animal Model |
| Primary Accession | P11836 |
| Reactivity | Human |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Calculated MW | 33077 |

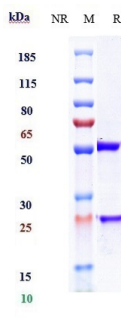
Additional Information

| | |
|---------------------------|--|
| Target/Specificity | CD20 |
| Endotoxin | |
| 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. |

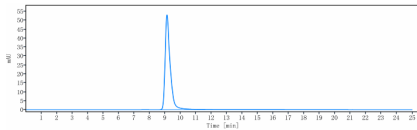
Protein Information

| | |
|--------------------------|---|
| 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 , PubMed: 3925015 , PubMed: 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. |

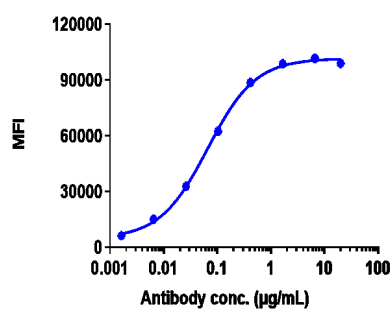
Images



Anti-CD20 Reference Antibody (ofatumumab) 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 (ofatumumab) is more than 100% ,determined by SEC-HPLC.



Romas cells were stained with Anti-CD20 Reference Antibody (ofatumumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.06641 µg/mL

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.