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# 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 |

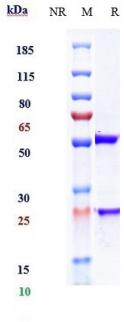
## Additional Information

| | |
|---|---|
| **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. |

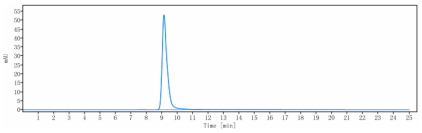
## Protein Information

| | |
|---|---|
| **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. |

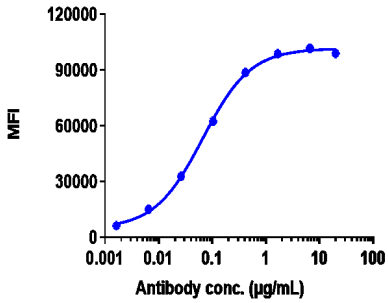
## Images




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, EC586=0.06641 μg/mL