

**Anti-CD20 Reference Antibody (obinutuzumab)
Recombinant Antibody
Catalog # APR10012****Specification**

Anti-CD20 Reference Antibody (obinutuzumab) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P11836
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	146.32 KDa

Anti-CD20 Reference Antibody (obinutuzumab) - 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.**Anti-CD20 Reference Antibody (obinutuzumab) - 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.

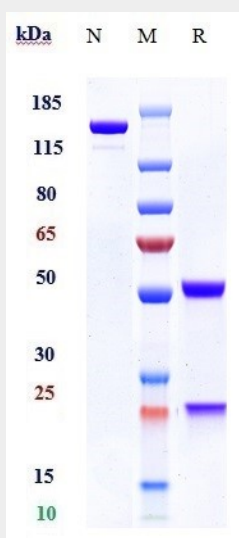
Tissue Location

Expressed on B-cells.

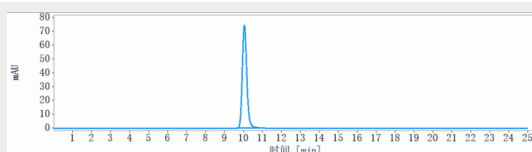
Anti-CD20 Reference Antibody (obinutuzumab) - Protocols

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

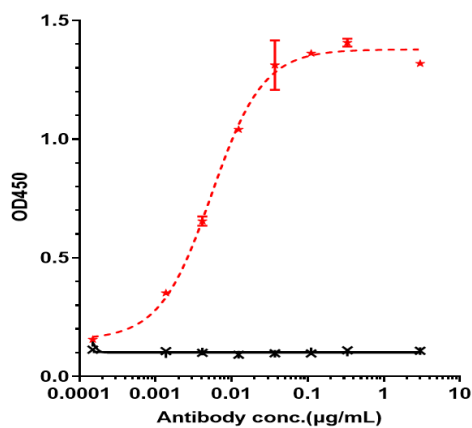
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD20 Reference Antibody (obinutuzumab) - Images

Anti-CD20 Reference Antibody (obinutuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-CD20 Reference Antibody (obinutuzumab) is more than 95%, determined by SEC-HPLC.



Immobilized human CD20 His at 2 µg/mL can bind Anti-CD20 Reference Antibody (obinutuzumab) $EC_{50}=0.0054$ µg/mL.