

**Anti-CD20 Reference Antibody (ibritumomab)  
Recombinant Antibody  
Catalog # APR10802****Specification**

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**Anti-CD20 Reference Antibody (ibritumomab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P11836</a>
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

**Anti-CD20 Reference Antibody (ibritumomab) - 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 (ibritumomab) - 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:<a href="http://www.uniprot.org/citations/12920111" target="\_blank">12920111</a>, PubMed:<a href="http://www.uniprot.org/citations/3925015" target="\_blank">3925015</a>, PubMed:<a href="http://www.uniprot.org/citations/7684739" target="\_blank">7684739</a>). Functions as a store-operated calcium (SOC) channel component promoting calcium influx after activation by the

B-cell receptor/BCR (PubMed:<a href="http://www.uniprot.org/citations/12920111" target="\_blank">12920111</a>, PubMed:<a href="http://www.uniprot.org/citations/18474602" target="\_blank">18474602</a>, PubMed:<a href="http://www.uniprot.org/citations/7684739" target="\_blank">7684739</a>).

#### Cellular Location

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

#### Tissue Location

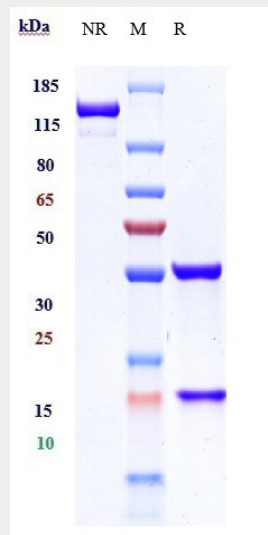
Expressed on B-cells.

### Anti-CD20 Reference Antibody (ibritumomab) - Protocols

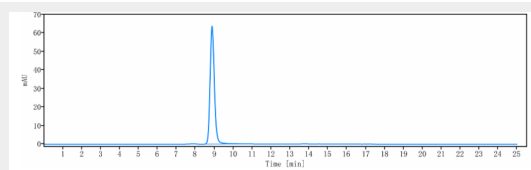
Provided below are standard protocols that you may find useful for product applications.

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

### Anti-CD20 Reference Antibody (ibritumomab) - Images



Anti-CD20 Reference Antibody (ibritumomab) 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 (ibritumomab) is more than 95% ,determined by

SEC-HPLC.