

Product Datasheet

Anti-CD20 Reference Antibody (rituximab) (orb1818449)

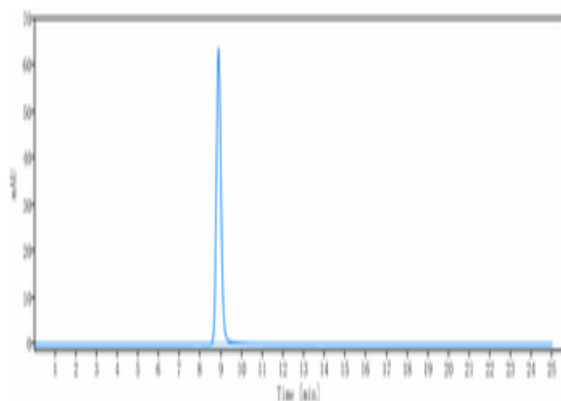
Catalog Number	orb1818449
Description	Recombinant Antibody
Reactivity	Human, Monkey
Endotoxins	< 0.001EU/μg,determined by LAL method.
Conjugation	Unconjugated
Tested Applications	ELISA, FC
Form/Appearance	Purified monoclonal antibody supplied in PBS, pH 6.0, without preservative.This antibody is purified through a protein A column.
Concentration	1mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Protein Sequence	CD20
Isotype	IgG1
Clonality	Monoclonal
Antibody Type	Primary Antibody
MW	145.2
Uniprot ID	P11836
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

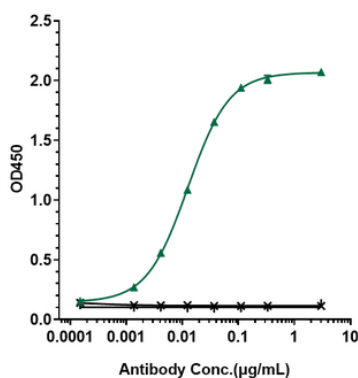
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

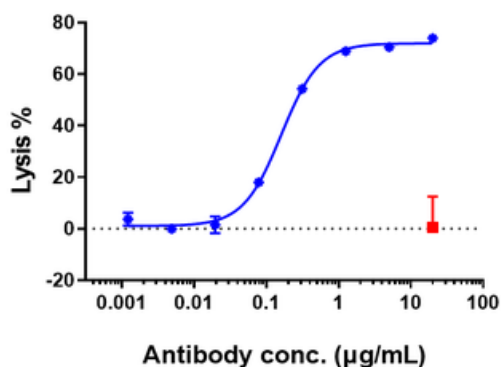
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



The purity of Anti-CD20 Reference Antibody (rituximab) is more than 98.97%, determined by SEC-HPLC.



Immobilized human EGFR His at 2 µg/mL can bind Anti-CD20 Reference Antibody (rituximab), EC50=0.01573/0.01258 µg/mL



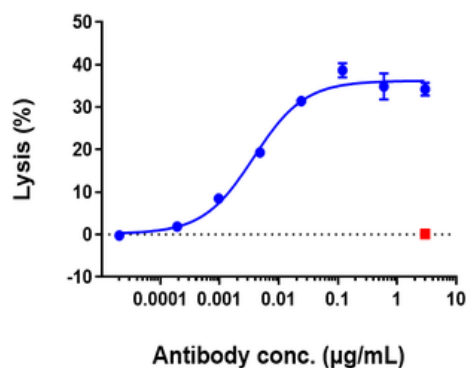
Anti-CD20 Reference Antibody (rituximab) -induced CDC activity was evaluated using Raji Cell. The max Lysis rate was approximately 74%.

Biorbyt Ltd.

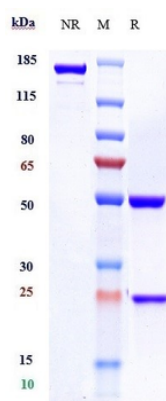
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Biorbyt LLC.

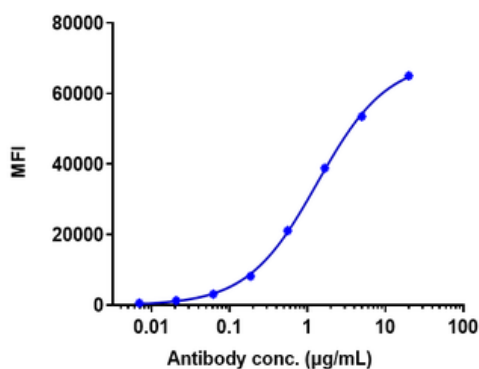
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)



Anti-CD20 Reference Antibody (rituximab) -induced ADCC activity was evaluated using Raji Cell. The max Lysis rate was approximately 35%.



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



Raji cells were stained with Anti-CD20 Reference Antibody (rituximab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC87=1.334 µg/mL

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)