

Product Datasheet

CD20 Antibody (orb1806379)

Catalog Number	orb1806379
Category	Antibodies
Description	Anti-CD20 Reference Antibody is expressed from CHO. The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 146.32 kDa.
Target	CD20
Clonality	Monoclonal
Conjugation	Unconjugated
Reactivity	Human, Monkey
Concentration	Batch dependent
Buffer/Preservatives	100 mM Proline/Acetic acid 20mM Arginine pH 5.0
Purity	>95%
Purification	Protein A
UniProt ID	P11836
MW	145.2 kDa
Tested applications	ELISA, FA, FACS, In vivo
Expression System	CHO
Endotoxins	0.001 EU/ug

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Storage

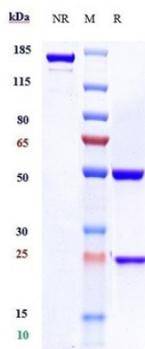
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

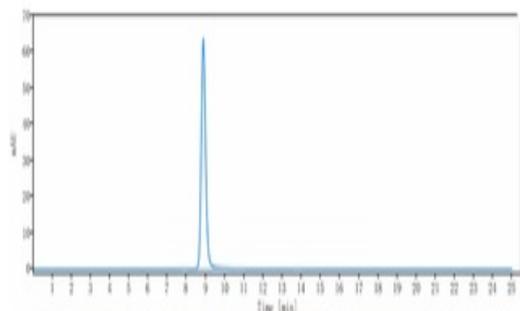
For research use only

Expiration Date

12 months from date of receipt.



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%.



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

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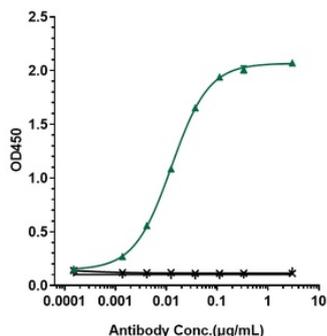
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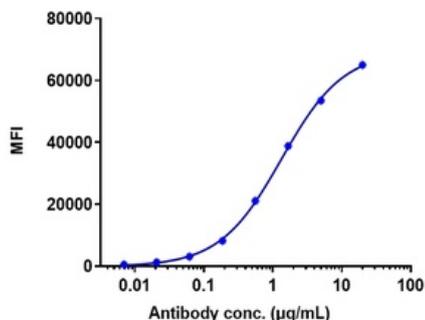
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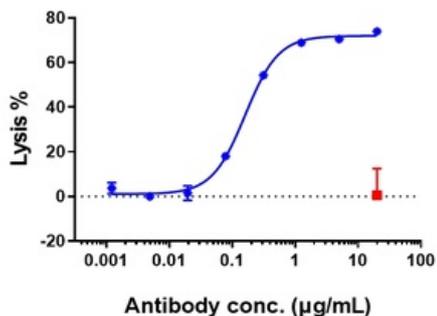
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Immobilized human EGFR His at 2 µg/mL can bind Anti-CD20 Reference Antibody (rituximab); EC50=0.01573/0.01258µg/mL.



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.



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

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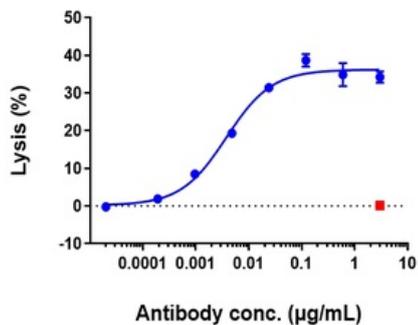
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Anti-CD20 Reference Antibody (rituximab)-induced ADCC activity was evaluated using Raji Cell. The max Lysis rate was approximately 35%.

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