

Product Datasheet

CD20 Antibody - Humanized, (Research Grade rituximab Biosimilar) - Low Endotoxin, Azide and BSA Free NBP3-28158-100ug

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

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NBP3-28158-100ug

CD20 Antibody - Humanized, (Research Grade rituximab Biosimilar) - Low Endotoxin, Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C in powder form. Store at -80C once reconstituted.
Clonality	Monoclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

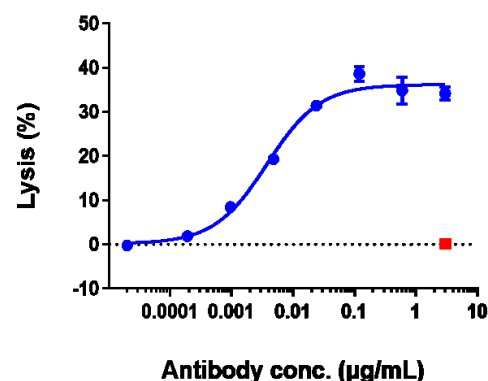
Product Description	
Description	The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 146.32 kDa. Also known as 'rituximab'. This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.
Host	Human
Gene ID	931
Gene Symbol	MS4A1
Species	Human
Reactivity Notes	Predicted species reactivity: Cynomolgus
Immunogen	CD20
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

Product Application Details	
Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

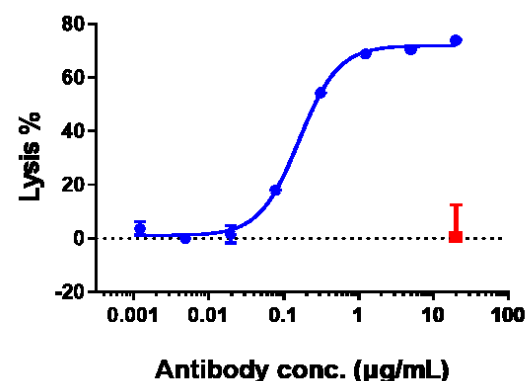


Images

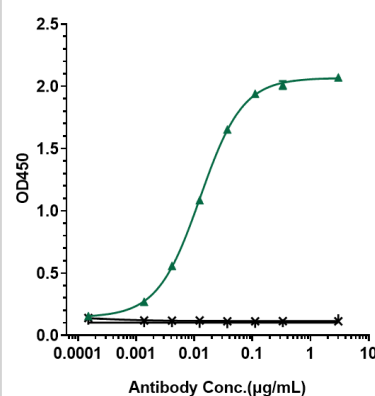
CD20 Antibody (rituximab) - Humanized induced ADCC activity was evaluated using Raji Cell. The max Lysis rate was approximately 35%.



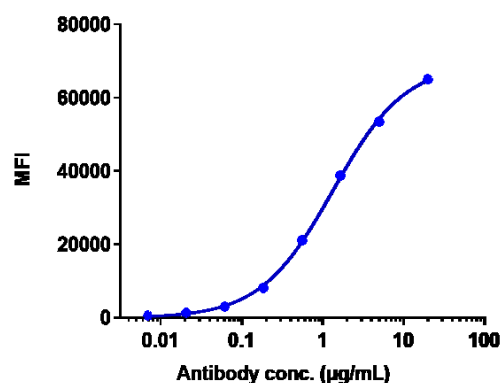
CD20 Antibody (rituximab) - Humanized-induced CDC activity was evaluated using Raji Cell. The max Lysis rate was approximately 74%.



Immobilized human CD20 His at 2 µg/mL can bind CD20 Antibody (rituximab) - Humanized, $EC_{50}=0.01573/0.01258$ µg/mL.



Raji cells were stained with CD20 Antibody (rituximab) - Humanized and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $EC_{50}=1.334$ µg/mL.





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Products Related to NBP3-28158-100ug

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH01P-100	Human IgG1 Isotype Control
H00000931-P01-25ug	Recombinant Human CD20 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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