

Product Datasheet

CD4 Antibody - Humanized, IgG4SP, (Research Grade ibalizumab Biosimilar) - Low Endotoxin, Azide and BSA Free

NBP3-28350-100ug

Unit Size: 100 ug

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

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NBP3-28350-100ug

CD4 Antibody - Humanized, IgG4SP, (Research Grade ibalizumab 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	IgG4
Purity	Protein A purified
Buffer	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

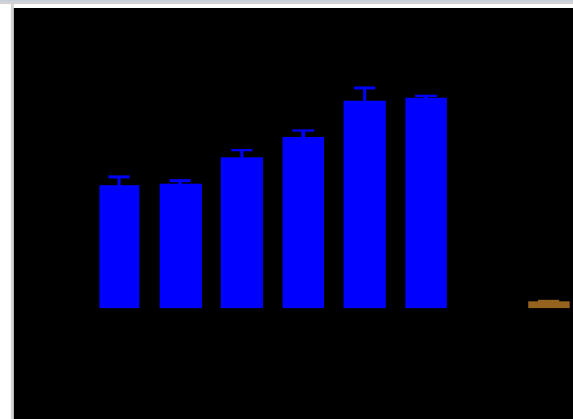
Product Description	
Description	The heavy chain type is huIgG4SP, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa. Also known as 'ibalizumab'. IgG4SP is human IgG4 with S228P mutation. This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.
Host	Human
Gene ID	920
Gene Symbol	CD4
Species	Human
Reactivity Notes	Predicted species reactivity: Cynomolgus
Immunogen	CD4
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

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

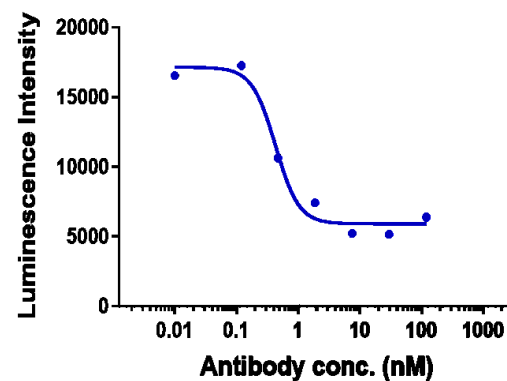


Images

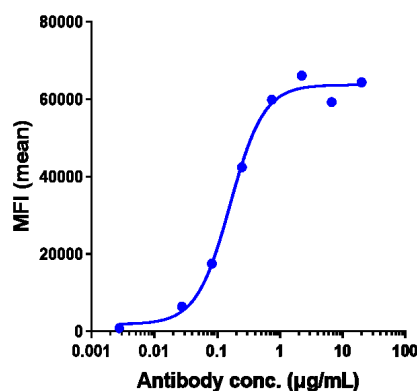
CD4 Antibody (ibalizumab) - Humanized, IgG4SP Activation inhibition was evaluated using PBMC. The max induction fold was approximately 1.71



CD4 Antibody (ibalizumab) - Humanized, IgG4SP Pseudoviral inhibition was evaluated using Tzmbi. The IC₅₀ was approximately 0.441 nM.



Human CD4 CHO cells were stained with CD4 Antibody (ibalizumab) - Humanized, IgG4SP and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC₅₀=0.16 μ g/mL.





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Products Related to NBP3-28350-100ug

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH04P-100	Human IgG4 Isotype Control
NBP1-19371PEP	CD4 Antibody Blocking Peptide

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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