

# Product Datasheet

## Common beta Chain Antibody (CSL311) NBP3-28274-100ug

Unit Size: 100 ug

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

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**NBP3-28274-100ug**

Common beta Chain Antibody (CSL311)

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C in powder form. Store at -80C once reconstituted.
Clonality	Monoclonal
Clone	CSL311
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)

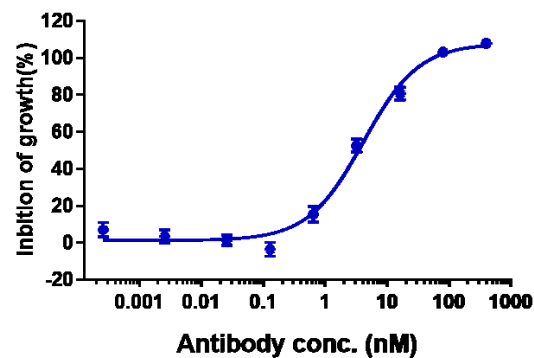
Product Description	
Description	Expressed from CHO. The heavy chain type is hulgG4, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.  Upon receipt, store immediately at -20C or lower for 24 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.
Host	Human
Gene ID	1439
Gene Symbol	CSF2RB
Species	Human
Immunogen	CSF2Rb / CD131
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

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

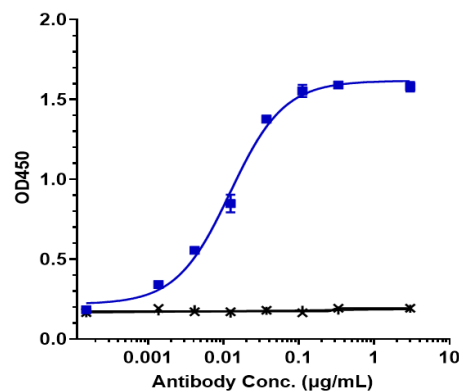


## Images

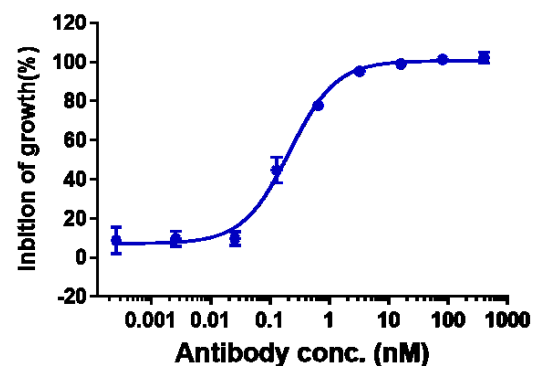
GM-CSF-mediated proliferation of TF-1 can be completely blocked by antibodies with an IC<sub>50</sub> of 4.105 nM.



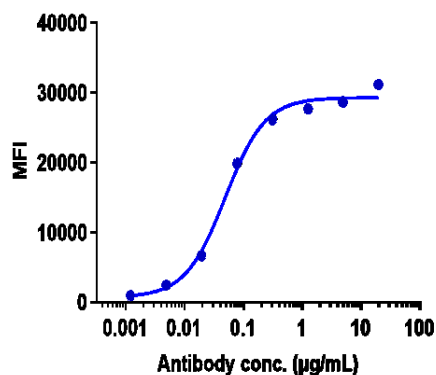
Immobilized human CSF2RB His at 2 ug/mL can bind Common beta Chain Antibody (CSL311), EC<sub>50</sub>=0.0122 ug/mL.



IL-3-mediated proliferation of TF-1 can be completely blocked by antibodies with an IC<sub>50</sub> of 0.2109 nM.



Human CSF2RB HEK293 cells were stained with Common beta Chain Antibody (CSL311) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC<sub>50</sub>=0.049 ug/mL.





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### **Products Related to NBP3-28274-100ug**

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G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH04P-100	Human IgG4 Isotype Control
NBP2-52244-0.05mg	Recombinant Human Common beta Chain His Protein

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### **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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