

Product Datasheet

CD40 Ligand/TNFSF5 Antibody (hu5c8 (Ruplizumab)) - Chimeric - Azide and BSA Free NBP2-52678-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-52678-0.2mg

CD40 Ligand/TNFSF5 Antibody (hu5c8 (Ruplizumab)) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	hu5c8 (Ruplizumab)
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

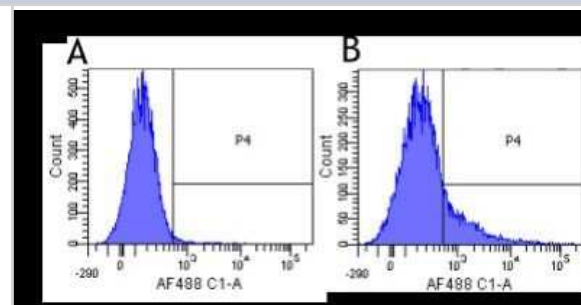
Product Description	
Description	Novus Biologicals Rabbit CD40 Ligand/TNFSF5 Antibody (hu5c8 (Ruplizumab)) - Chimeric - Azide and BSA Free (NBP2-52678) is a recombinant monoclonal antibody validated for use in WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	959
Gene Symbol	CD40LG
Species	Human
Specificity/Sensitivity	The antibody binds to CD40L with an IC50 of 0.845 ug/ml.
Immunogen	Human CD40L

Product Application Details	
Applications	Western Blot, Flow Cytometry, Block/Neutralize, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, CyTOF-ready, Block/Neutralize
Application Notes	This antibody is Cytof ready. NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques. The antibody binds specifically to CD40 Ligand/TNFSF5, a surface receptor expressed on activated T cells which acts as a costimulatory molecule to trigger immune responses. The antibody neutralises CD40L function, as it blocks the interaction between CD40 and CD40L. When injected into cynomolgus monkeys, the original therapeutic antibody was found to have a T1/2 of 531 +/- 155 hours.



Images

Flow Cytometry: CD40 Ligand/TNFSF5 Antibody (hu5c8 (Ruplizumab)) - Chimeric [NBP2-52678] - Flow-cytometry using the anti-CD40L research biosimilar antibody Ruplizumab. Human lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of Ruplizumab (NBP2-52678, panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.





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Products Related to NBP2-52678-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-35244-10ug	Recombinant Human CD40 Ligand/TNFSF5 Protein
210-TA-005	TNF-alpha [Unconjugated]

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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