

# Product Datasheet

## Lambda Light Chain Antibody (4C2) - BSA Free NBP1-45071

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-45071**

Lambda Light Chain Antibody (4C2) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	4C2
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	22.5 kDa

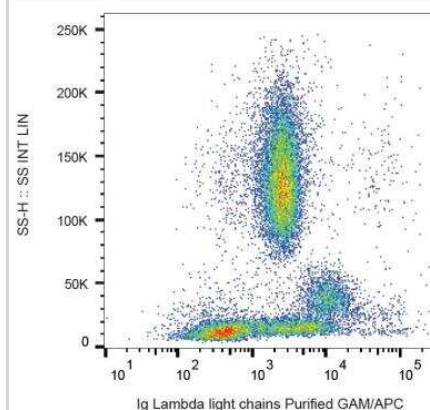
Product Description	
Description	Novus Biologicals Mouse Lambda Light Chain Antibody (4C2) - BSA Free (NBP1-45071) is a monoclonal antibody validated for use in IHC, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3537
Gene Symbol	IGLC1
Species	Human, Guinea Pig (Negative), Goat (Negative), Hamster (Negative), Rabbit (Negative), Sheep (Negative)
Specificity/Sensitivity	The mouse monoclonal antibody H4B4 recognizes CD107b / LAMP-2, an extensively glycosylated 100-120 kDa widely expressed lysosome-associated protein.
Immunogen	The antibody 4C2 reacts with lambda light chains (22.5 kDa) of human immunoglobulin.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Flow Cytometry 2-8 ug/ml, ELISA 1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:200, Immunohistochemistry-Frozen 1:200, CyTOF-ready
Application Notes	This antibody is Cytof ready.

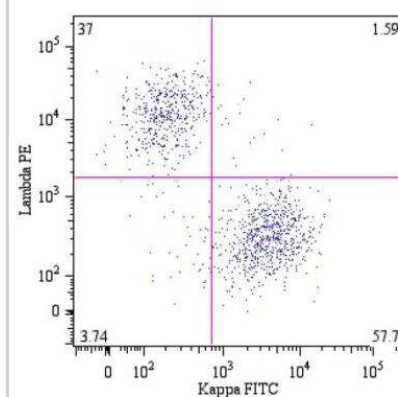


## Images

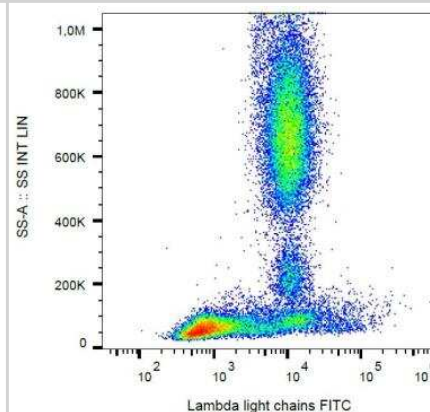
Flow Cytometry: Lambda Light Chain Antibody (4C2) [NBP1-45071] - Surface staining of human peripheral blood with anti-human lambda light chain (4C2) purified, GAM-APC.



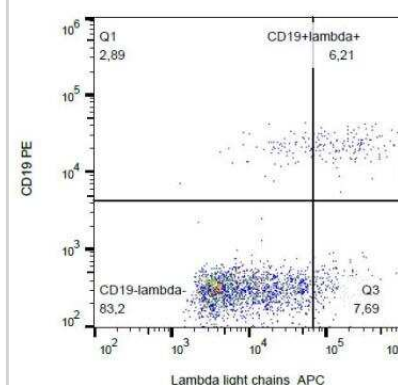
Flow Cytometry: Lambda Light Chain Antibody (4C2) [NBP1-45071] - B lymphocytes (CD19+) in a dot-plot Lambda PE vs. Kappa FITC. Kappa light chain detected by A8B5 antibody and lambda light chain by 4C2 antibody, CD19 by LT19 antibody.



Flow Cytometry: Lambda Light Chain Antibody (4C2) [NBP1-45071] - Surface staining of human peripheral blood with anti-human lambda light chain (4C2) FITC.



Flow Cytometry: Lambda Light Chain Antibody (4C2) [NBP1-45071] - Surface staining of human peripheral blood with anti-human lambda light chain (4C2) APC.





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### **Products Related to NBP1-45071**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-45071UV	Lambda Light Chain Antibody (4C2) [DyLight 350]

### **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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