

# Product Datasheet

## IL-33 Antibody (6H617) - BSA Free NBP2-27333

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-27333**

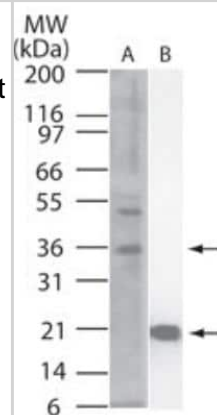
IL-33 Antibody (6H617) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6H617
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse IL-33 Antibody (6H617) - BSA Free (NBP2-27333) is a monoclonal antibody validated for use in WB and Flow. Anti-IL-33 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	90865
Gene Symbol	IL33
Species	Human
Immunogen	Full length recombinant protein
Product Application Details	
Applications	Western Blot, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1 - 10 ug/mL, Flow Cytometry 0.25 ug/0.5x10 <sup>6</sup> cells, CyTOF-ready

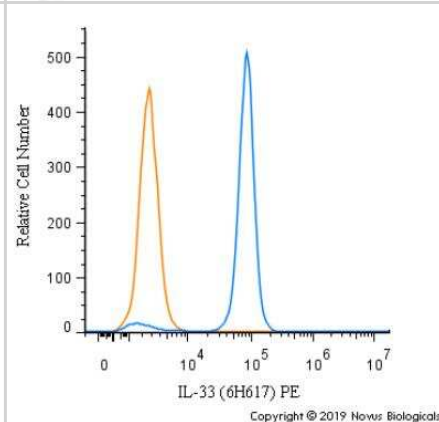


## Images

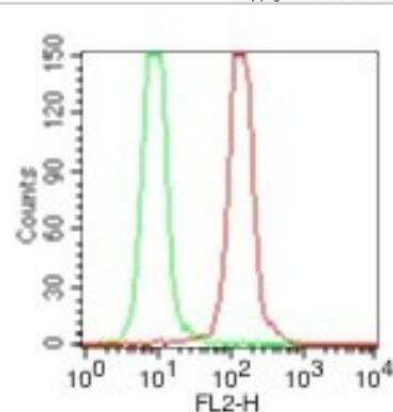
Western Blot: IL-33 Antibody (6H617) [NBP2-27333] - Analysis of IL-33 using IL-33 monoclonal antibody in A) HUVEC cell lysate at 10 ug/mL and B) partial recombinant IL-33 (amino acids 112-270) at 1 ug/mL. Goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



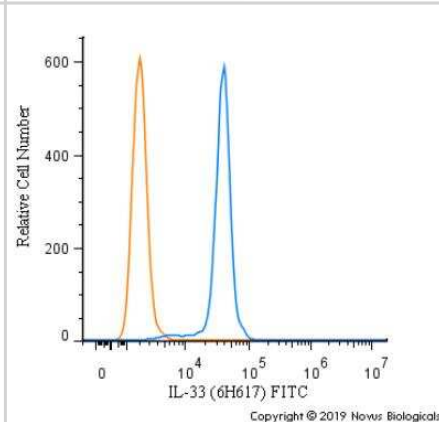
Flow Cytometry: IL-33 Antibody (6H617) [NBP2-27333] - An intracellular stain was performed on Jurkat cells with IL-33 (6H617) antibody NBP2-27333PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



Flow Cytometry: IL-33 Antibody (6H617) [NBP2-27333] - Analysis of IL-33. Jurkat cells ( $0.5 \times 10^6$ ) were intracellularly stained with 0.25 ug of mouse IgG1 isotype control (green) or purified IL-33 antibody (Clone 6H617; red). This antibody and an anti-mouse IgG PE conjugated secondary antibody were used.



Flow Cytometry: IL-33 Antibody (6H617) [NBP2-27333] - An intracellular stain was performed on Jurkat cells with IL-33 [6H617] Antibody NBP2-27333F (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to FITC.



## Publications

Kinchen J, Chen HH, Parikh K et al. Structural Remodeling of the Human Colonic Mesenchyme in Inflammatory Bowel Disease. Cell 2018-09-25 [PMID: 30270042]

Di Sano C, D'Anna C, Ferraro M et Al. Impaired activation of Notch-1 signaling hinders repair processes of bronchial epithelial cells exposed to cigarette smoke Toxicol. Lett. 2020-03-10 [PMID: 32169443] (FLOW, Human)





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### **Products Related to NBP2-27333**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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