

# Product Datasheet

## FoxP3 Antibody (3G3) - Azide and BSA Free NBP2-33297

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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**NBP2-33297**

FoxP3 Antibody (3G3) - Azide and BSA Free

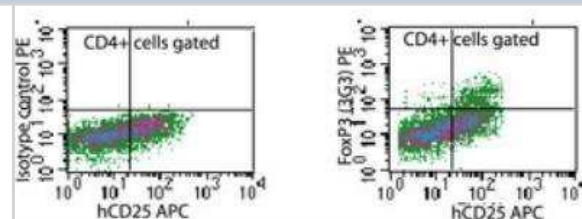
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3G3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS containing 0.2% gelatin. Does not contain BSA
Target Molecular Weight	47 kDa

Product Description	
Description	Novus Biologicals Mouse FoxP3 Antibody (3G3) - Azide and BSA Free (NB100-56582) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	50943
Gene Symbol	FOXP3
Species	Human, Mouse
Immunogen	Full-length His-tagged murine FOXP3 was used as the immunogen. The precise epitope is not known, but it has been mapped to the N-terminal portion of the protein (NP_001107849).

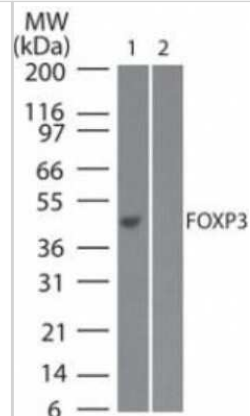
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 2 ug/ml, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Flow (Intracellular) 100 ng/2x10 <sup>6</sup> cells
Application Notes	The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

**Images**

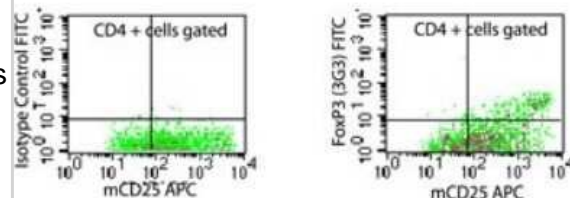
Flow Cytometry: FoxP3 Antibody (3G3) - Azide Free [NBP2-33297] - FoxP3 Antibody (3G3) [Azide Free] [NBP2-33297] - Analysis in human PBMCs stimulated with anti-hCD3 and rhIL-2 for 48 hours using isotype control (left) and NBP2-33297PE (right) at 0.1 ug/10<sup>6</sup> cells. Products used: anti-CD4 FITC conjugate, anti CD25 APC conjugate, anti FOXP3 PE conjugate (NBP2-33297PE).



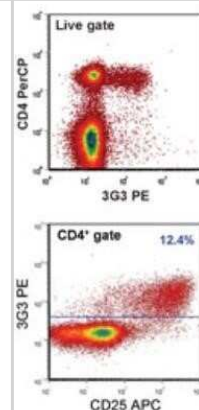
Western Blot: FoxP3 Antibody (3G3) - Azide Free [NBP2-33297] - Analysis in 1) full-length transfected and 2) mock transfected 293 cell lysate at 2 ug/ml.



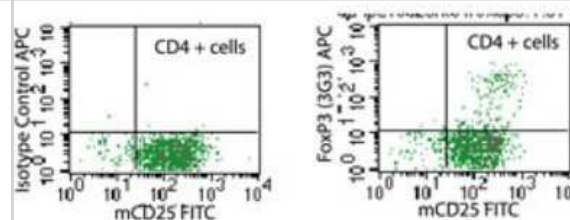
Flow Cytometry: FoxP3 Antibody (3G3) - Azide Free [NBP2-33297] - Analysis using the FITC conjugate of NB100-56582. Staining of FOXP3 in mouse splenocytes stimulated with anti-mCD3 and rIL-2 for 48 hours using isotype control (left) and (right) at 0.5 ug/10<sup>6</sup> cells. Anti-CD25 APC conjugate this antibody, anti-FOXP3 FITC.



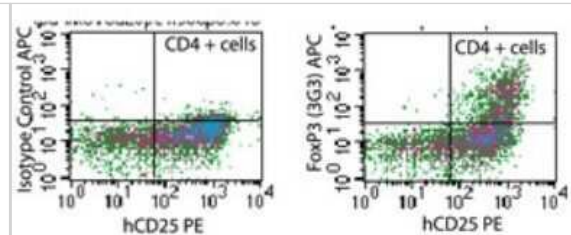
Flow Cytometry: FoxP3 Antibody (3G3) - Azide Free [NBP2-33297] - Analysis in 2x10<sup>6</sup> mouse lymph node cells using 0.1 ug of PE conjugated antibody.



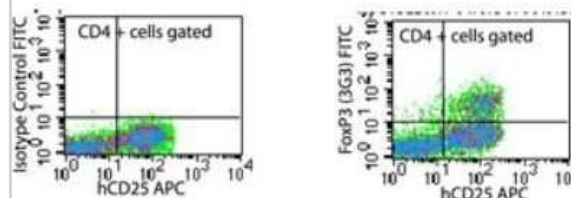
Flow Cytometry: FoxP3 Antibody (3G3) - Azide Free [NBP2-33297] - Analysis using the Allophycocyanin conjugate of NB100-56582. Staining of FOXP3 in mouse splenocytes stimulated with anti-mCD3 and rIL-2 for 48 hours using isotype control (left) and (right) at 0.1 ug/10<sup>6</sup> cells. Anti-CD25 FITC conjugate this antibody, anti-FOXP3 FITC.



Flow Cytometry: FoxP3 Antibody (3G3) - Azide Free [NBP2-33297] - Analysis using the Allophycocyanin conjugate of NB100-56582. Staining of FOXP3 in human PBMCs stimulated with anti-hCD3 and rhIL-2 for 48 hours using isotype control (left) and this antibody. 1 ug/10<sup>6</sup> cells. Products used: anti-CD4 FITC conjugate.



Flow Cytometry: FoxP3 Antibody (3G3) - Azide Free [NBP2-33297] - Analysis using the FITC conjugate of NB100-56582. Staining of FOXP3 in human PBMCs stimulated with anti-hCD3 and rhIL-2 for 48 hours using isotype control (left) and this antibody, 5 ug/10<sup>6</sup> cells. Products used: anti-CD4 PE conjugate, anti-CD25 APC conjugate, anti-FOXP3 FITC conjugate.





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### **Products Related to NBP2-33297**

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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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