

# Product Datasheet

## CD3 Antibody (G4.18) - BSA Free NBP1-43458-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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### Publications: 1

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Updated 10/23/2024 v.20.1

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**NBP1-43458-0.1mg**

CD3 Antibody (G4.18) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	G4.18
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG3 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Target Molecular Weight</b>	21.3 kDa

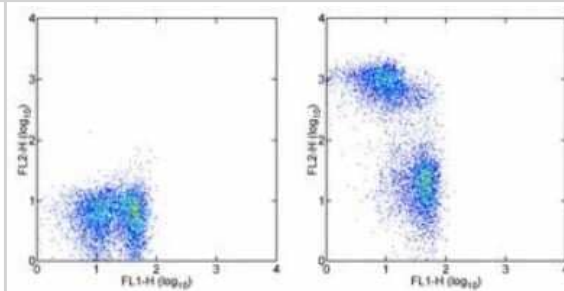
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	916
<b>Gene Symbol</b>	CD3E
<b>Species</b>	Rat
<b>Immunogen</b>	This CD3 antibody was developed against CD3.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500

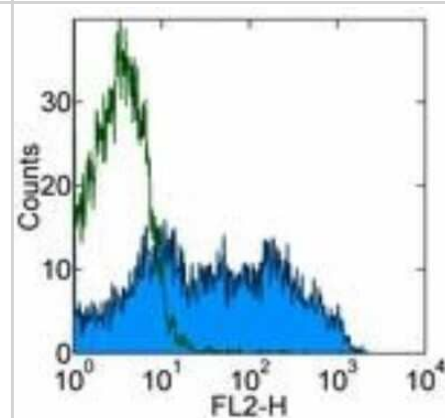


## Images

Flow Cytometry: CD3 Antibody (G4.18) [NBP1-43458] - Analysis using the Biotin conjugate of NBP1-43458. Staining of rat splenocytes with anti-Rat CD45R (B220) FITC and staining buffer (autofluorescence) (left) or 0.125 ug of anti-Rat CD3 Biotin (right) followed by Streptavidin PE.



Flow Cytometry: CD3 Antibody (G4.18) [NBP1-43458] - Staining of rat splenocytes with 0.25 ug of Mouse IgG3 Isotype control (open histogram) or 0.25 ug of Anti-Rat CD3 (filled histogram) followed by anti-Mouse IgG Biotin and Streptavidin PE.



## Publications

Ogawa T, Kajiya M, Horikoshi S et al. Xenotransplantation of cryopreserved human clumps of mesenchymal stem cells/extracellular matrix complexes pretreated with IFN-gamma induces rat calvarial bone regeneration Regenerative Therapy 2022-06-01 [PMID: 35582709] (IHC-P, Rat)



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### **Products Related to NBP1-43458-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
210-TA-005	TNF-alpha [Unconjugated]

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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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