Product Datasheet

CD3 Antibody (13) - Azide and BSA Free
NBP2-43674

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 6

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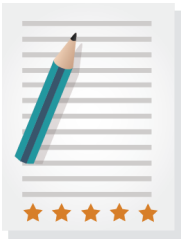
Updated 2/23/2025 v.20.1



NBP2-43674

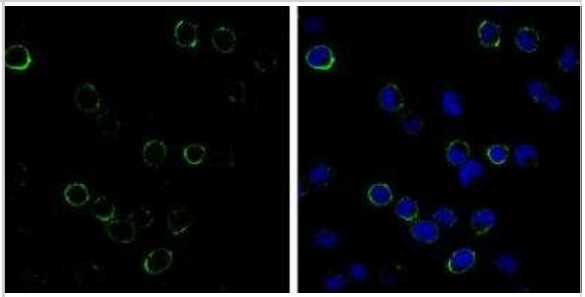
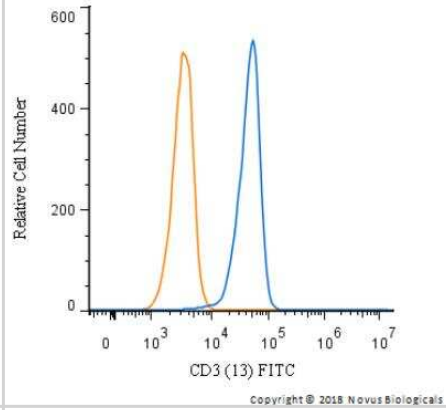
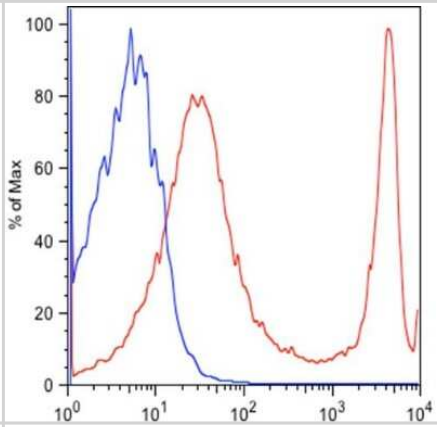
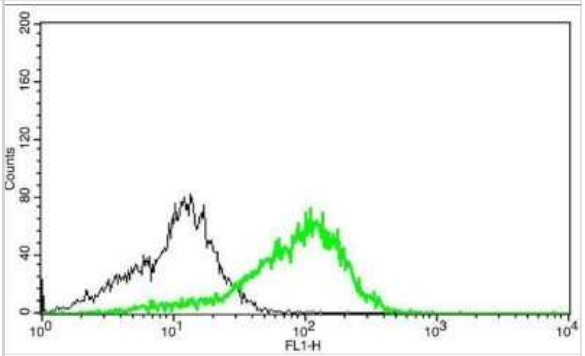
CD3 Antibody (13) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	13
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	916
Gene Symbol	CD3E
Species	Human, Mouse
Immunogen	The immunogen used to generate this antibody corresponds to human CD3

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:100 - 1:1000

Images

Immunocytochemistry/Immunofluorescence: CD3 Antibody (13) [NBP2-43674] - Jurkat cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CD3 protein stained by CD3 antibody [0013] diluted at 1:200. Blue: Hoechst 33342 staining.	
Flow Cytometry: CD3 Antibody (13) [NBP2-43674] - An intracellular stain was performed on Jurkat cells with CD3 Antibody (13) NBP2-43674F (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.	
Flow Cytometry: CD3 Antibody (13) [NBP2-43674] - Analysis of B6 / spleen. Blue: Isotype control (anti-mouse IgG-FITC) dilution: 1:300. Red: CD3 antibody dilution: 1:50.	
Flow Cytometry: CD3 Antibody (13) [NBP2-43674] - Analysis of Jurkat cell Black: Isotype control dilution: 1:50. Green: CD3 antibody dilution: 1:50.	

Publications

Kathleen Turajane, Gang Ji, Yurii Chinenov, Max Chao, Ugur Ayturk, Vincentius J Suhardi, Matthew B Greenblatt, Lionel B Ivashkiv, Mathias PG Bostrom, Xu Yang RNA □ seq Analysis of Peri□Implant Tissue Shows Differences in Immune, Notch, Wnt, and Angiogenesis Pathways in Aged Versus Young Mice JBMR Plus 2021-09-09 [PMID: 34761143]

G Moreira T, Gauthier CD, Murphy L et al. Nasal administration of anti-CD3 mAb (Foralumab) downregulates NKG7 and increases TGFB1 and GIMAP7 expression in T cells in subjects with COVID-19 Proceedings of the National Academy of Sciences of the United States of America 2023-03-14 [PMID: 36881624] (FLOW, Mouse)

Barrera C, Corredor G, Viswanathan VS et al. Deep computational image analysis of immune cell niches reveals treatment-specific outcome associations in lung cancer NPJ precision oncology 2023-06-01 [PMID: 37264091]

Kitagawa K, Shibata E, Yamamoto M et al. Subacute exposure to bisphenol F diglycidyl-ether induces chronic dermatitis characterized by psoriasis-like skin inflammation in mice Genes to cells : devoted to molecular & cellular mechanisms 2022-12-01 [PMID: 36453187]

Nguyen TT, Pham DV, Park J et al. Engineering of hybrid spheroids of mesenchymal stem cells and drug depots for immunomodulating effect in islet xenotransplantation Science advances 2022-08-26 [PMID: 36001671] (IHC-Fr)

Details:
Dilutions: 1:300

Chun J, Kang H, Yi J et al. Bojungikki-Tang enhances the effect of PD-1 blockade in a murine model of lung carcinoma Research Square 2022-07-13

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Products Related to NBP2-43674

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
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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