

Product Datasheet

CD4 Antibody (RPA-T4) [Allophycocyanin] NBP2-27245

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP2-27245

CD4 Antibody (RPA-T4) [Allophycocyanin]

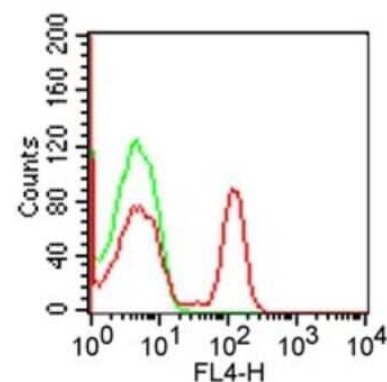
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	RPA-T4
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Allophycocyanin
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	920
Gene Symbol	CD4
Species	Human
Reactivity Notes	This product reacts with Human.
Immunogen	PHA-stimulated human PBMC.

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1ul/1 million cells
Application Notes	RPA-T4 is capable of blocking HIV-1, gp120, and inhibits syncytium formation. The RPA-T4 clone reacts with CD4, a 59 kDa single-chain transmembrane glycoprotein [receptor for human HIV virus] present on T-helper/inducer cell populations. This antibody binds to the D1 domain of CDR1 and CDR3 epitopes. The CD4 antigen and reacts with approximately 80% of thymocytes and 45% of peripheral blood lymphocytes. CD4 is also present in low density on peripheral blood monocytes. Clone RPA-T4 is widely published in literature, see Knapp W, Dorken B, Rieber E P, et al, ed. Also see Schlossman SF, Boumsell L, Gilks W, et al, ed.

Images

Flow Cytometry: CD4 Antibody (RPA-T4) [Allophycocyanin] [NBP2-27245] - Cell surface analysis of CD4 in 1×10^6 human PBMC using 10 ul (0.1 ug) of was used to test this product. Propidium iodide negative lymphocyte population gated for analysis.



Publications

Hellwinkel JE, Redzic JS, Harland TA et al Glioma-derived extracellular vesicles selectively suppress immune responses. Neuro Oncol. 2016-04-01 [PMID: 26385614] (FLOW, Human)

Details:

Citation using the Azide Free version of this antibody.





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Products Related to NBP2-27245

IC002A	Mouse IgG1 Isotype Control (11711) [Allophycocyanin]
NBP2-27216V	CD4 Antibody (RPA-T4) [DyLight 405]
NBP1-19371PEP	CD4 Antibody Blocking Peptide
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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