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Anti-CD123 & CD3 Reference Antibody (Flotetuzumab)

Catalog # APR11624

Product Information

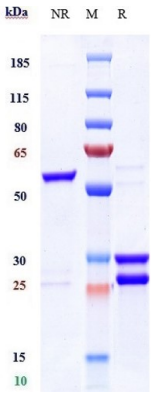
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P26951 & P07766
Reactivity	Human
Clonality	Bispecific
Isotype	DART-DART

Additional Information

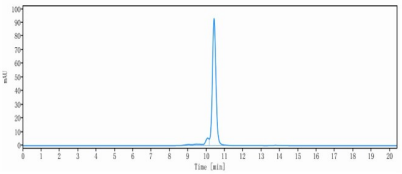
Target/Specificity	IL-3Ra / CD123,CD3
Expression system	CHO

Protein Information

Images

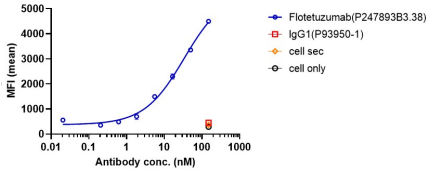


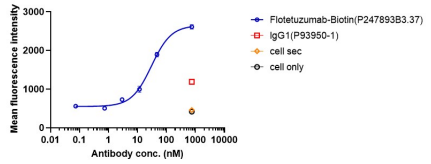
Anti-CD123 & CD3 Reference Antibody (Flotetuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



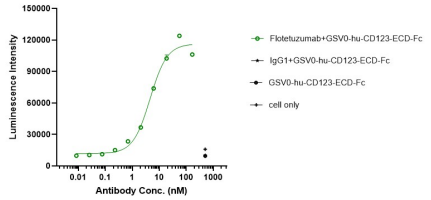
The purity of Anti-CD123 & CD3 Reference Antibody (Flotetuzumab) is 91.49%, determined by SEC-HPLC.

Flotetuzumab bound to huCD3e-jurkat cells, and then rebounded to fluorescent secondary antibodies (PE Streptavidin) , and test by flow cytometry. As shown in fig, Flotetuzumab bound to huCD3e-jurkat cells, and the EC50 was 33.800 nM.

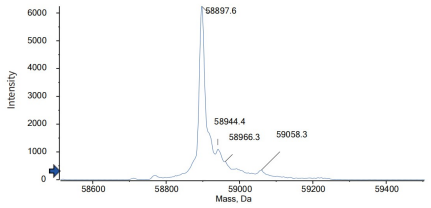




Flotetuzumab-Biotin bound to GSV0-hu-CD123-ECD-Fc cells, and then rebounded to fluorescent secondary antibodies (PE Streptavidin) , and test by flow cytometry. As shown in fig, FlotetFlotetuzumab-Biotin bound to GSV0-hu-CD123-ECD-Fc cells, and the EC50 was 31.24 nM.



Co-incubation of Flotetuzumab with Jurkat cells, then with the addition of GSV0-hu-CD123-ECD-Fc cells for 6 hours. Bright-Lite was used to detect the fluorescent signal.. As shown in fig, Flotetuzumab was able to activate the NF-AT signaling pathway, and the EC50 was 4.555 nM.



The detected molecular weight of Anti-CD123 & CD3 Reference Antibody (Flotetuzumab) is 58.91 kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.