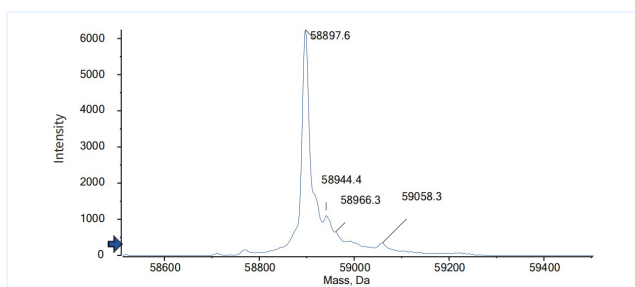


## Product Details

<b>Product name:</b>	<b>Anti-CD123 &amp; CD3 (Flotetuzumab Biosimilar)</b>	<b>SKU:</b>	<b>BIO0944SM</b>
<b>Target Name:</b>	<b>CD123 &amp; CD3</b>	<b>Size:</b>	<b>100ug/ 1mg/ 5mg</b>
<b>Target Uniprot:</b>	<b>P26951 &amp; P07766</b>	<b>Concentration:</b>	<b>Lyophilized</b>
<b>Clone#:</b>	<b>Flotetuzumab (Bispecific)</b>	<b>Isotype:</b>	<b>DART-DART</b>
<b>Reactivity:</b>	<b>Human</b>	<b>Calculated M.W.:</b>	<b>117.82 kDa</b>
<b>Application:</b>	<b>ELISA, Bioactivity: FACS, Functional assay, Research in vivo</b>	<b>Endotoxin:</b>	<b>&lt;0.001 EU/ug</b>
<b>Formulation:</b>	<b>100 mM Pro-Ac 20mM Arg pH 5.0</b>	<b>Conjugation:</b>	<b>None</b>
<b>Storage:</b>	<b>-20°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.</b>	<b>Expression System:</b>	<b>CHO</b>
<b>Reconstitution:</b>	<b>Dissolve with sterile ddH<sub>2</sub>O</b>	<b>Purification:</b>	<b>Protein A</b>

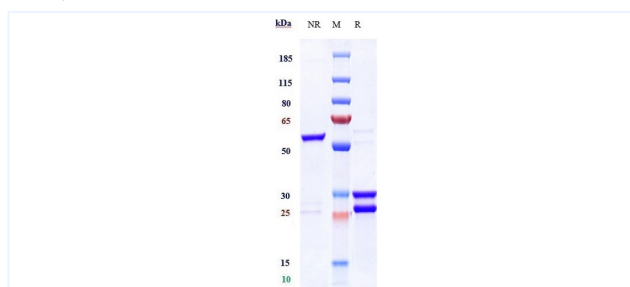
## Data

### MASS



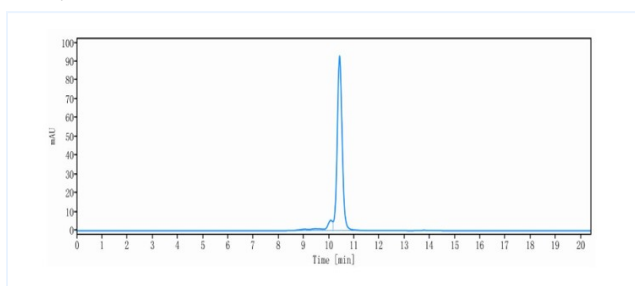
The detected molecular weight of Anti-CD123 & CD3 Reference Antibody (Flotetuzumab) is 58.91 kDa.

### Purity: SDS-PAGE



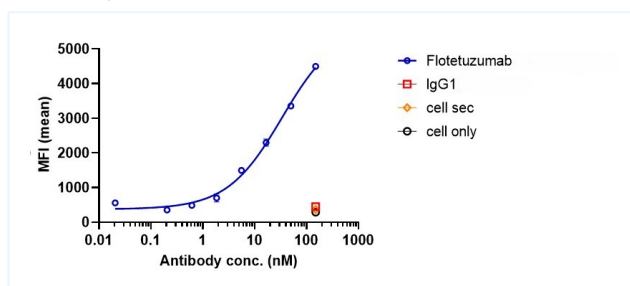
Anti-CD123 & CD3 Reference Antibody (Flotetuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity: SEC-HPLC



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

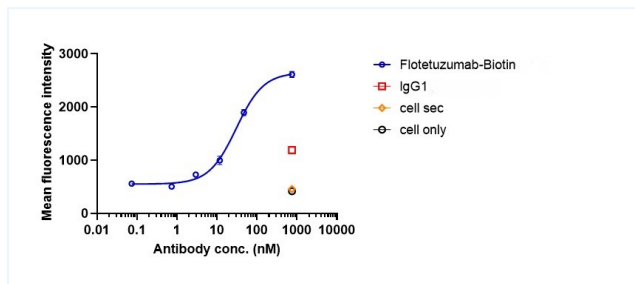
### Bioactivity: FACS



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 EC<sub>50</sub> was 33.800 nM.

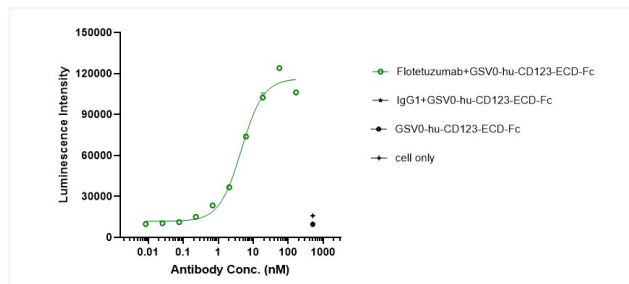
**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

### Bioactivity: FACS



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, Flotetuzumab-Biotin bound to GSV0-hu-CD123-ECD-Fc cells, and the EC<sub>50</sub> was 31.24 nM.

### Function: Luciferase



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 EC<sub>50</sub> was 4.555 nM.