HUMAN CD123 PROTEIN, HFC-HIS TAG

货号: 11131
产品全名: 人 CD123 蛋白
规格: 10/50/100 μg
基因符号 IL3R;IL3RA;IL-3Ra;IL-3R-alpha;IL3RAY;IL3RX;IL3RY;CD123 antigen;CD123;hIL3Ra;hIL-3Ra;MGC34174;IL-3 R alpha
目标蛋白: CD123
UNIPROT ID: P26951
描述: Recombinant human CD123 protein with C-terminal human Fc and 6xHis tag
背景: Interleukin 3 receptor alpha (low affinity) (IL3RA), also known as CD123 (Cluster of Differentiation 123) is a 70-kD glycoprotein member of the hematopoietin receptor superfamily. This protein associates with a beta subunit common to the receptors for IL-5 and granulocyte-macrophage colony-stimulating factor (GM-CSF) to form a high-affinity receptor for IL-3. The interleukin-3 receptor a chain (CD123) has been identified as a potential immunotherapeutic target because it is overexpressed in AML compared with normal hematopoietic stem cells
物种/宿主: HEK293
分子量: The protein has a predicted molecular mass of 80-90 kDa after removal of the signal peptide.
分子特征: CD123(Thr19-Arg305) hFc(Glu99-Ala330) 6×His tag
纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

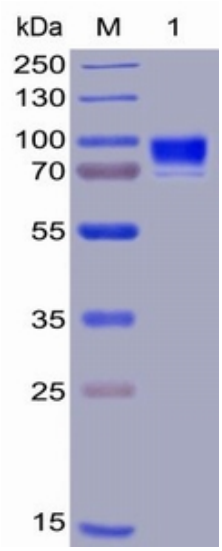

Figure 1. Human CD123, hFc-His Tag on SDS-PAGE under reducing condition.

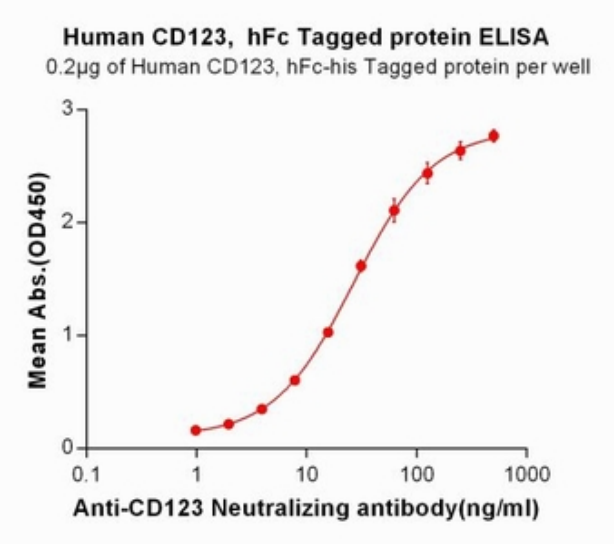

Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human CD123, hFc-His tagged protein (11131) can bind Anti-CD123 Neutralizing antibody 28012 in a linear range of 0.98-26.70 ng/ml.