

HUMAN CD20 FULL LENGTH PROTEIN

目录: 12232

产品名称: Human CD20 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: B1; Bp35; CVID5; FMC7; LEU-16; MS4A2; S7

Target: CD20

UNIPROT ID: P11836

描述: Human CD20 full length protein membrane nanoparticles (MNPs)

背景: A member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.

Species/Host: HEK293

Molecular Weight: The human full length CD20 protein has a MW of 33.1 kDa

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.

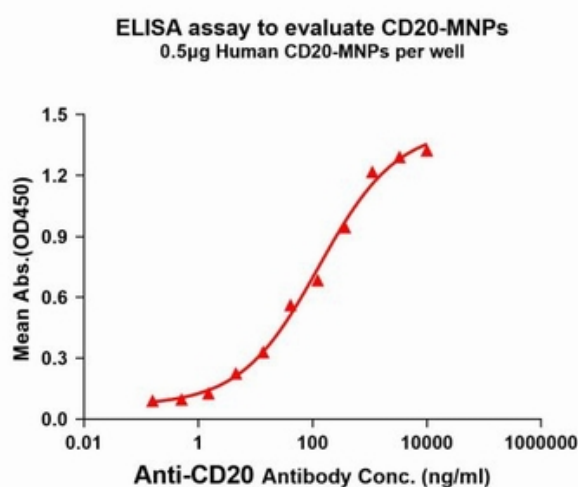


Figure1. Elisa plates were pre-coated with 0.5 µg/per well purified human CD20 full length membrane nanoparticles. Serial diluted CD20 monoclonal antibody (28152) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for CD20 monoclonal antibody binding with CD20 full length membrane nanoparticles is 128.8ng/ml.

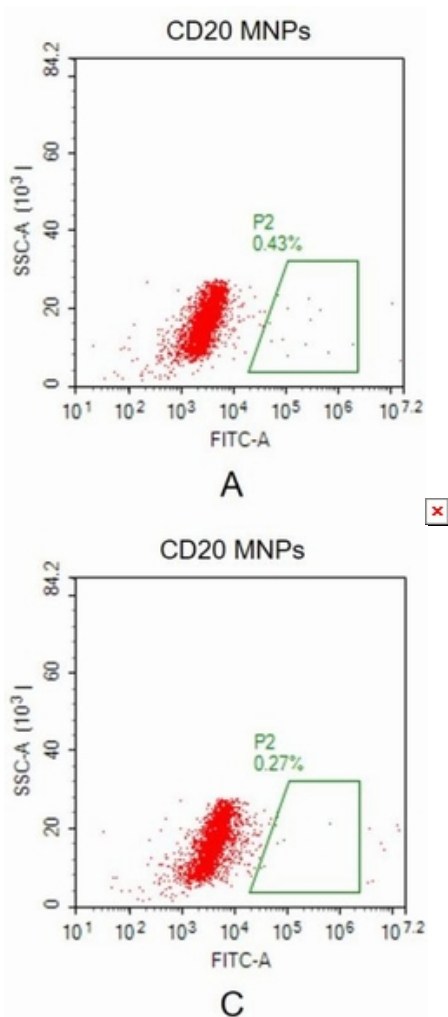


Figure2. FACS analysis of CD20 MNPs A. Negative Control 1: CD20 full length membrane nanoparticles samples were stained only with Goat human IgG 488 secondary antibody. B. Negative Control 2: Control membrane nanoparticles samples were stained with CD20 antibody (28152) at 2µg/ml, followed by Goat human IgG 488 secondary antibody. C. Negative Control 3: CD20 full length membrane nanoparticles samples were stained with CCR8 antibody (an irrelevant antibody) at 2µg/ml, followed by Goat human IgG 488 secondary antibody. D. CD20 full length membrane nanoparticles samples were stained with CD20 antibody (28152) at 2µg/ml, followed by Goat human IgG 488 secondary antibody.

