

## HUMAN CD20 FULL LENGTH PROTEIN

目录: 11010

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-synthetic nanodisc

**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.

ELISA assay to evaluate CD20-Nanodisc  
0.2µg Human CD20-Nanodisc per well

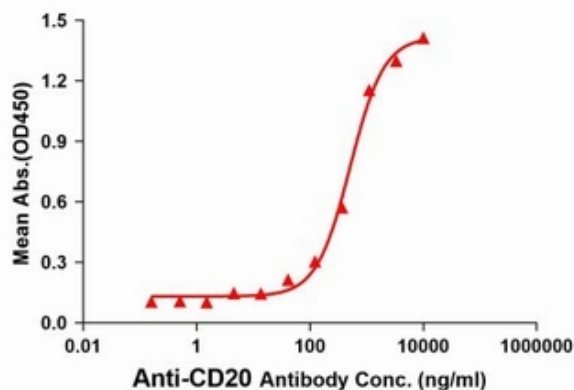


Figure1. Elisa plates were added with Flag Tag CD20-Nanodisc (0.2 µg/per well) on an Flag monoclonal antibody pre-coated (0.5 µg/per well) plate. Serial diluted CD20 monoclonal antibody (28152) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for CD20 monoclonal antibody binding with CD20-Nanodisc is 514.4ng/ml.



Figure2. Human CD20-Nanodisc, Flag Tag on SDS-PAGE