Human CD20 full length protein-synthetic nanodisc

Cat. No. FLP100027

PRODUCT INFORMATION

Tag	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** C-Flag Tag
Target	CD20
Synonyms	B1; Bp35; CVID5; FMC7; LEU-16; MS4A1; S7
Description	Human CD20 full length protein-synthetic nanodisc
Delivery	In Stock
Uniprot ID	P11836
Expression Host	HEK293
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Hematopoietic cell lineage
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. Please see Certificate of Analysis for
Storage&Shipping	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.
Background	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.
Usage	Research use only
Conjugate	Unconjugated

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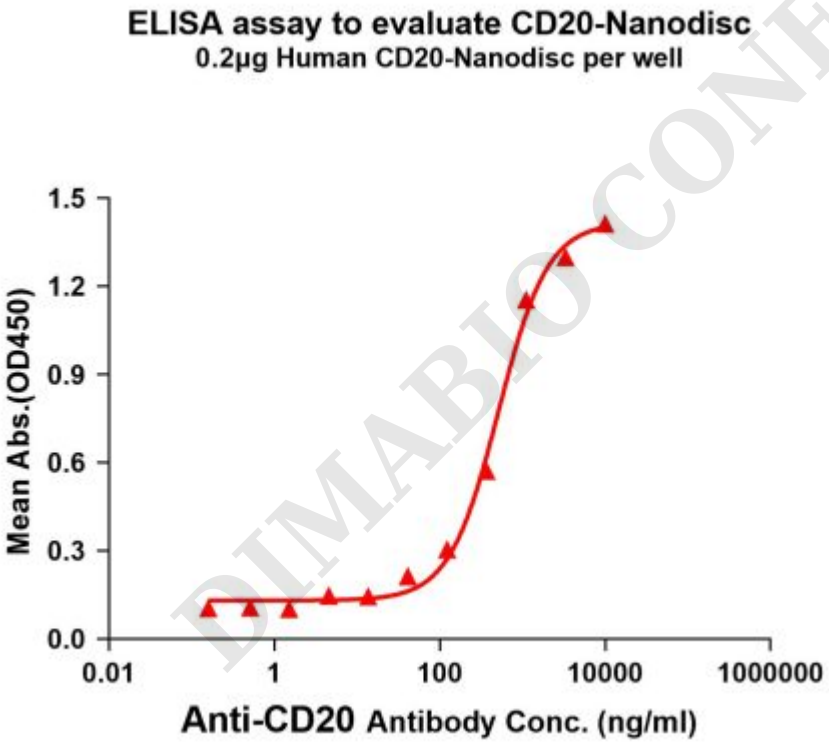


Figure1. Elisa plates were added with Flag Tag CD20-Nanodisc (0.2μg/per well) on an anti-Flag monoclonal antibody pre-coated (0.5μg/per well) plate. Serial diluted anti-CD20 monoclonal antibody (BME100160) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CD20 monoclonal antibody binding with CD20-Nanodisc is 514.4ng/ml.

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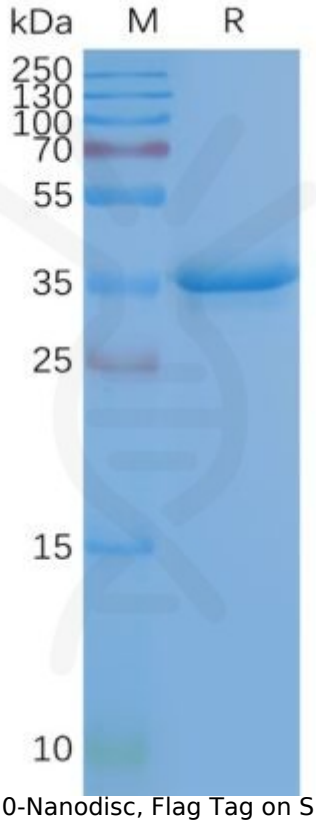


Figure2. Human CD20-Nanodisc, Flag Tag on SDS-PAGE

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