Cat. No. FLP100082B



PRODUCT INFORMATION

\$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-printcommerce-print-products-public.php on line 2806

Biotinylated Human CLDN2 full length protein-synthetic nanodisc

Delivery In Stock Uniprot ID O8NHS1 HEK293 **Expression Host** Protein Families

Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction **Protein Pathways**

The human full length CLDN2 Protein has a MW of 29.3 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCI, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Formulation & Reconstitution

Storage & Shipping

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in Joyhilized 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 amblient temperature. This gene product belongs to the claudin protein family whose members have been identified as major integral membrane proteins localized exclusively at tight junctions. Claudins are expressed in an organ-specific manner and regulate tissue-specific physiologic properties of tight junctions. This protein is expressed in the intestine. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene.[provided by RefSeq.] an 2010

Biotinylated Conjugate

Biotinylated Human CLDN2 full length protein-synthetic nanodisc ELISA

0.2 µg of Biotinylated Human CLDN2-Nanodisc, Flag Tag per well

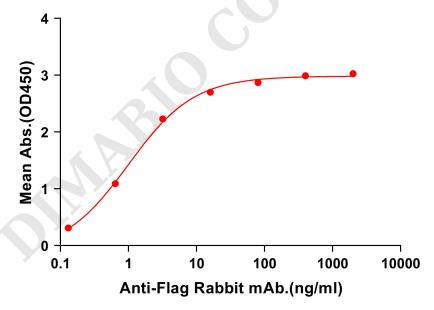


Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Biotinylated Human CLDN2 full length protein-synthetic nanodisc (FLP100082B) can bind Anti-Flag Rabbit mAb in a linear range of 0.13-16 ng/mL.

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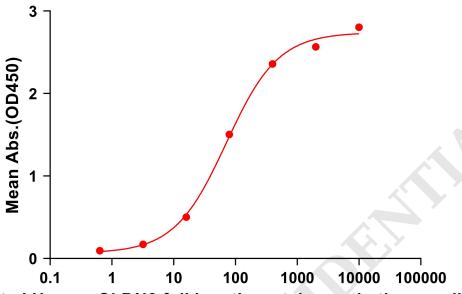


Cat. No. FLP100082B



Biotinylated Human CLDN2 full length protein-synthetic nanodisc ELISA

0.1 µg of Streptavidin per well

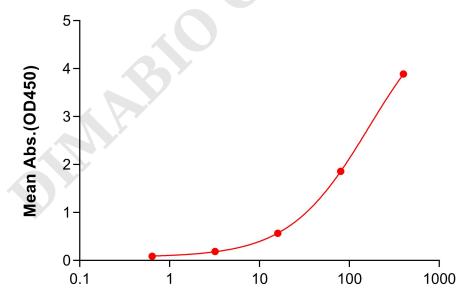


Biotinylated Human CLDN2 full length protein-synthetic nanodisc.(ng/ml)

Figure 2. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Streptavidin can bind Biotinylated Human CLDN2 full length protein-synthetic nanodisc (FLP100082B) in a linear range of 16-400 ng/mL. In order to specifically detect FLP100082B, Anti-Flag Rabbit antibody was used as detection antibody.

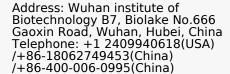
Biotinylated Human CLDN2 full length protein-synthetic nanodisc ELISA

0.2 μg of Anti-Flag Rabbit mAb per well



Biotinylated Human CLDN2 full length protein-synthetic nanodisc.(ng/ml)

Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Anti-flag Rabbit mAb can bind Biotinylated Human CLDN2 full length protein-synthetic nanodisc (FLP100082B) in a linear range of 16-400 ng/mL. In order to specifically detect FLP100082B, HRP Conjugated Streptavidin was used as detection antibody.



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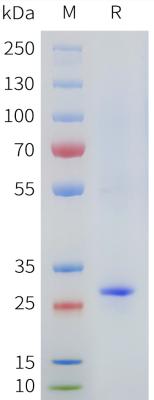
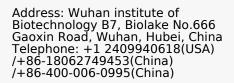


Figure 4. Biotinylated Human CLDN2-Nanodisc, Flag Tag on SDS-PAGE



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