

PRODUCT INFORMATION

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

Tag

Human EMP2 full length protein-synthetic nanodisc

Delivery Uniprot ID P54851 Expression Host HEK293 Protein Families

Protein Pathways

Molecular Weigh The human full length EMP2 protein has a MW of 19.2 kDa

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 specific instructions of reconstitution. Formulation & Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. A tetraspan protein of the PMP2ZEMP family. The encoded protein regulates call membrane composition. It has been associated with various fun including endocytosis, cell signaling, cell proliferation, cell migration, cell adhesion, cell death, cholesterol homeostasis, urinary albumin excretion entry or implantation. It is income to negatively regulate caveoline. I a scaffolding protein which is the main component of the caveolee plasma modulates the function of specific integrin isomers in the plasma membrane. Up-regulation of this gene has been linked to cancer progression in multiple different tissues. Mutations in this gene have been associated with nephrotic syndrome type 10 (PMP510). 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 (repeated freezing and thawing). Lyophilized professions are simpled at ambient temperature. Background

Usage Research use only Unconjugated Conjugate

ELISA assay to evaluate EMP2-Nanodisc 0.2µg Human EMP2-Nanodisc per well

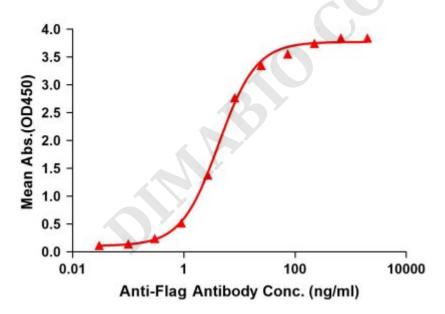


Figure 1. Elisa plates were pre-coated with Flag Tag EMP2-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with EMP2-Nanodisc is 4.249ng/ml.

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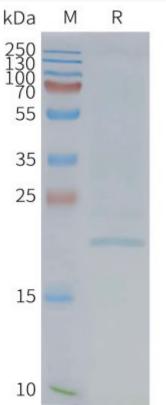


Figure 2. Human EMP2-Nanodisc, Flag Tag on SDS-PAGE



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