

**PRODUCT INFORMATION**

<b>Target</b>	CD24
<b>Synonyms</b>	CD24
<b>Description</b>	Human CD24 full length protein on exosome
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P25063
<b>Expression Host</b>	HEK293
<b>Protein Families</b>	GPI-anchored protein
<b>Protein Pathways</b>	Protein kinase binding
<b>Molecular Weight</b>	The human CD24 Protein has a MW of 8.1 kDa
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	A sialoglycoprotein that is expressed on mature granulocytes and B cells and modulates growth and differentiation signals to these cells. The precursor protein is cleaved to a short 32 amino acid mature peptide which is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. This gene was missing from previous genome assemblies, but is properly located on chromosome 6. Non-transcribed pseudogenes have been designated on chromosomes 1, 15, 20, and Y. Alternative splicing results in multiple transcript variants.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



### ELISA assay to evaluate CD24-Exo 0.5 $\mu$ g Human CD24 Exosome per well

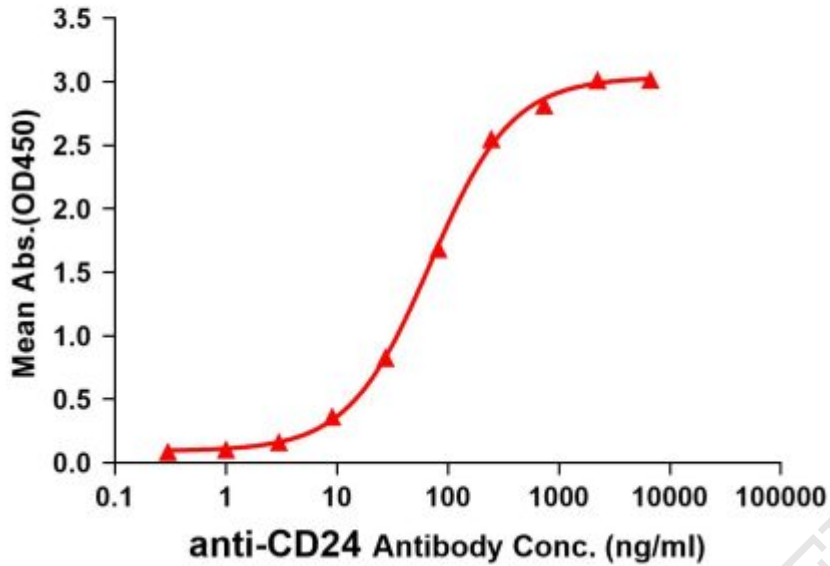


Figure 1. ELISA plates were pre-coated with 0.5 $\mu$ g/per well purified human CD24 exosome. Serial diluted Anti-CD24 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 is 69.61ng/ml.

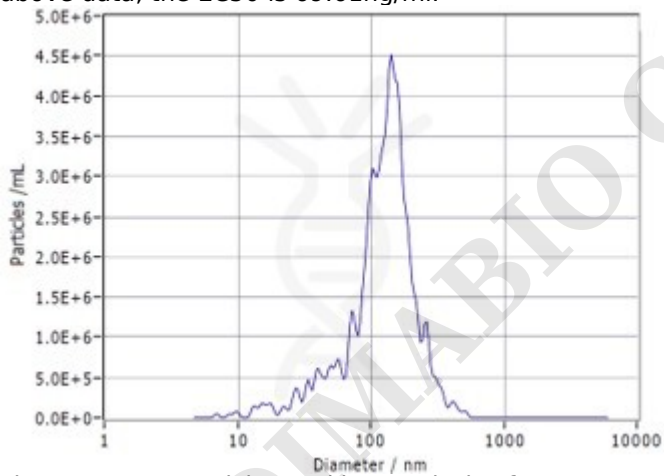


Figure 2. Nanoparticle Tracking Analysis of CD24 exosomes

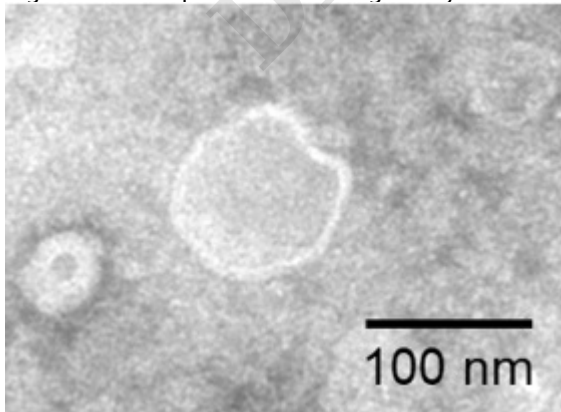


Figure 3. TEM image of CD24 exosomes

