

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | CD24 |
| Synonyms | CD24 |
| Description | Human CD24 full length protein on exosome |
| Delivery | In Stock |
| Uniprot ID | P25063 |
| Expression Host | HEK293 |
| Protein Families | GPI-anchored protein |
| Protein Pathways | Protein kinase binding |
| Molecular Weight | The human CD24 Protein has a MW of 8.1 kDa |
| Formulation & Reconstitution | 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. 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. |
| Storage & Shipping | |
| Background | 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. |
| Usage | Research use only |
| Conjugate | Unconjugated |



ELISA assay to evaluate CD24-Exo
0.5µg Human CD24 Exosome per well

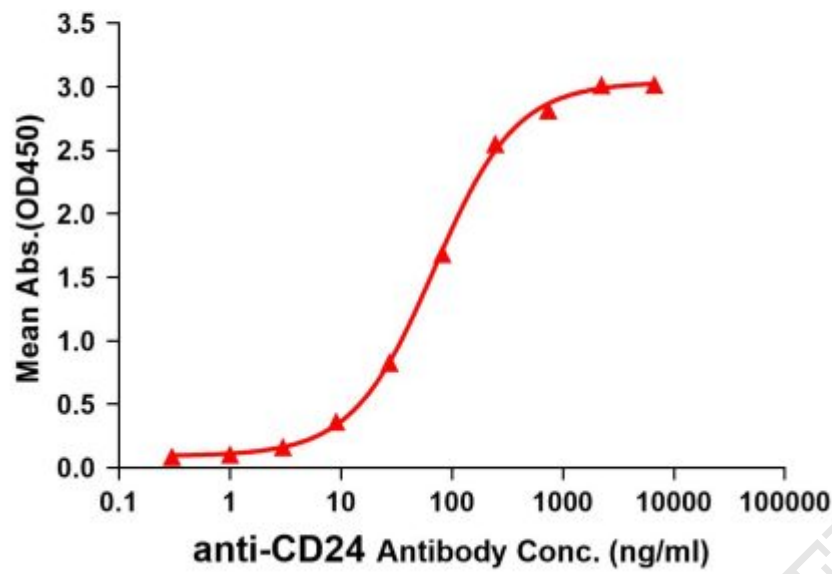


Figure 1. ELISA plates were pre-coated with 0.5µg/per well purified human CD24 exosome. Serial diluted Anti-CD24 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 is 69.61ng/ml.

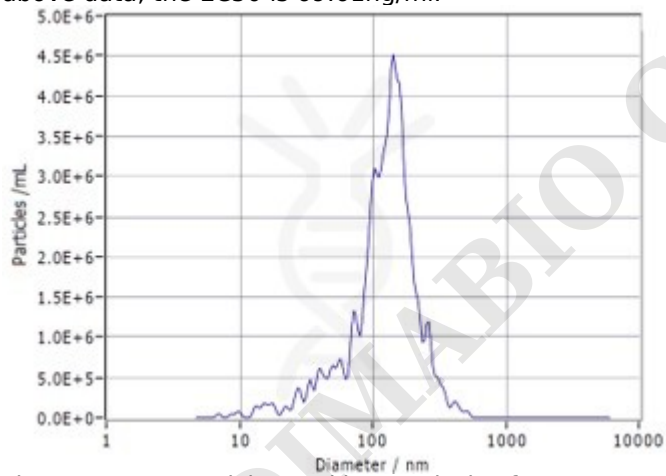


Figure 2. Nanoparticle Tracking Analysis of CD24 exosomes

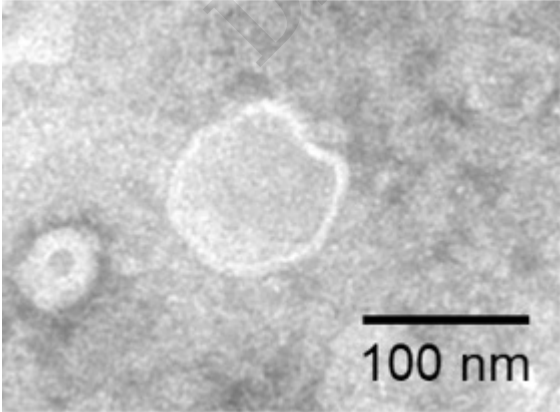


Figure 3. TEM image of CD24 exosomes