PRODUCT INFORMATION

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.
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 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

DIMA BIOTECH CONFIDENTIAL

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

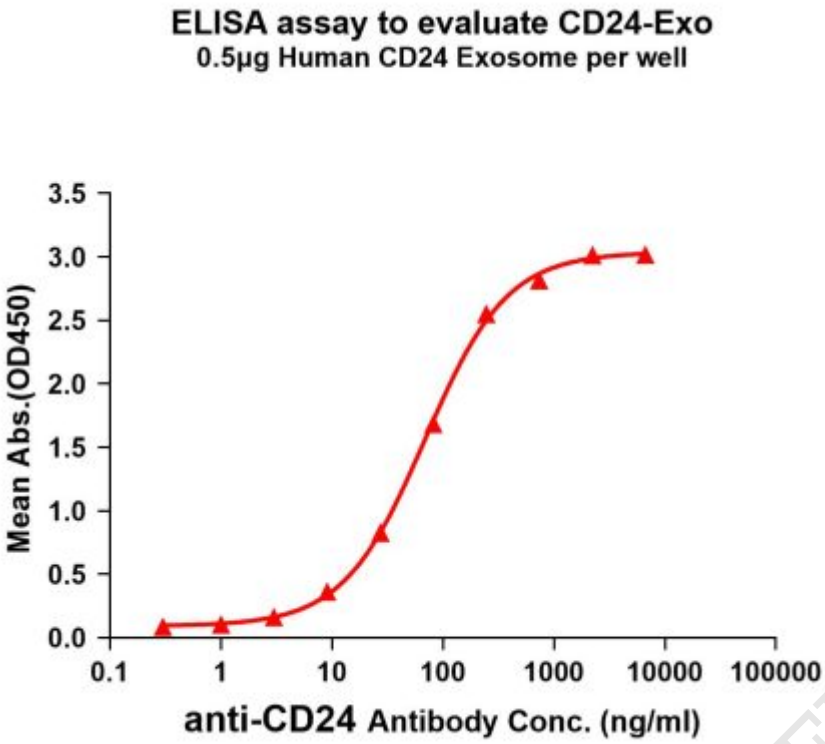


Figure 1. ELISA plates were pre-coated with 0.5μg/per well purified human CD24 exosome. Serial diluted Anti-CD24 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 is 69.61ng/ml.

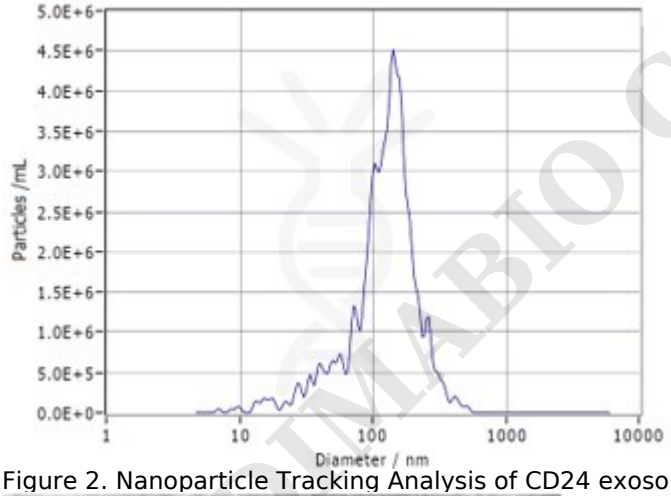


Figure 2. Nanoparticle Tracking Analysis of CD24 exosomes

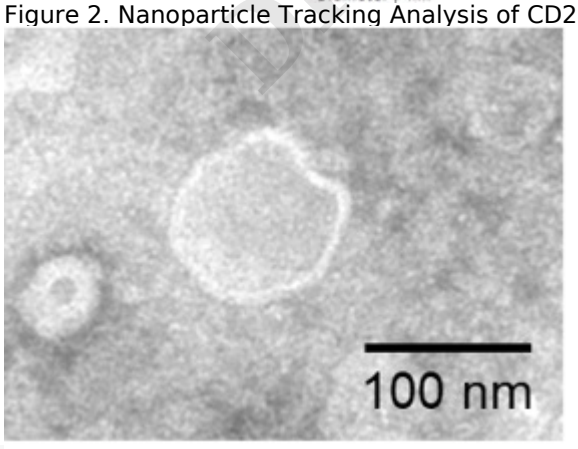


Figure 3. TEM image of CD24 exosomes

DIMABIO CONFIDENTIAL

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com