

# Human CD24 Protein-VLP

Cat. No. CD2-HM124V

## Description

Source	Recombinant Human CD24 Protein-VLP is expressed from HEK293. It contains Ser27-Gly59.
Accession	P25063-1
Molecular Weight	The target protein has a predicted MW of 5.0 kDa.
Endotoxin	Less than 1 EU per $\mu\text{g}$ by the LAL method.

## Formulation and Storage

Formulation	Lyophilized from 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20°C or lower for 12 months as supplied from date of receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

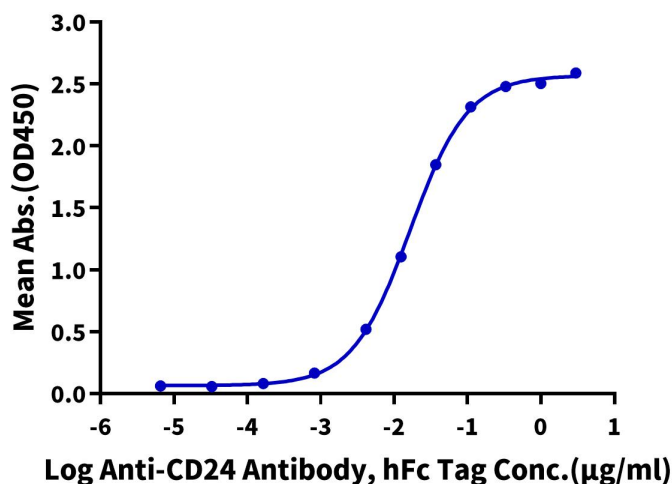
CD24 is a sialoglycoprotein expressed at the surface of most B lymphocytes and differentiating neuroblasts. It is also expressed on neutrophils and neutrophil precursors from the myelocyte stage onwards. The potential for targeting CD24 in cancer therapy seems promising, as CD24 is overexpressed in many human cancers.

## Assay Data

### ELISA Data

#### Human CD24 VLP ELISA

0.05  $\mu\text{g}$  Human CD24 VLP Per Well



Immobilized Human CD24 VLP at 0.5  $\mu\text{g}/\text{ml}$  (100  $\mu\text{l}/\text{Well}$ ) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC<sub>50</sub> of 16.4 ng/ml determined by ELISA.