

Human CD24 Protein

Cat. No. CD2-HE624

Description

Source	Recombinant Human CD24 Protein is expressed from E.coli with GST at the N-terminal. It contains Ser27-Gly59.
Accession	P25063
Molecular Weight	The protein has a predicted MW of 31.6 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

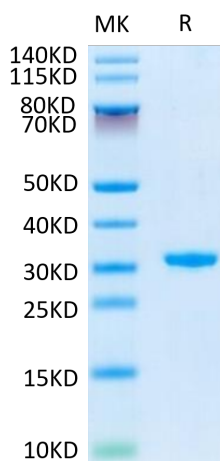
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated 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

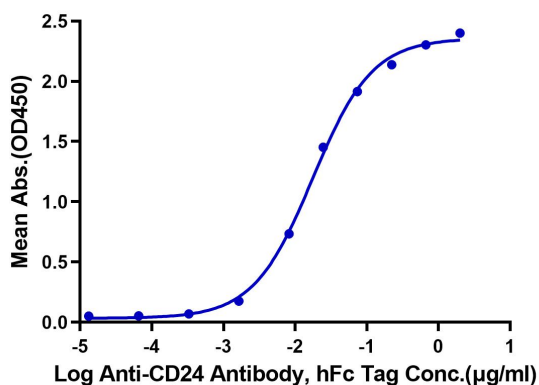
Tris-Bis PAGE



Human CD24 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ELISA Data

Human CD24, GST Tag ELISA
0.05µg Human CD24, GST Tag Per Well



Immobilized Human CD24, GST Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC50 of 17.7ng/ml determined by ELISA.