

Human CD133 Protein-VLP

Cat. No. CD33-HM0P110

Description

Source	Recombinant Human CD133 Protein-VLP is expressed from HEK293. It contains Met1-His865.
Accession	O43490-1
Molecular Weight	The target protein has a predicted MW of 97.2 kDa.
Endotoxin	Less than 1EU per μg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22 μm filtered solution in PBS, 150mM L-Arginine (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended.
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 minimize freeze-thaw cycles.

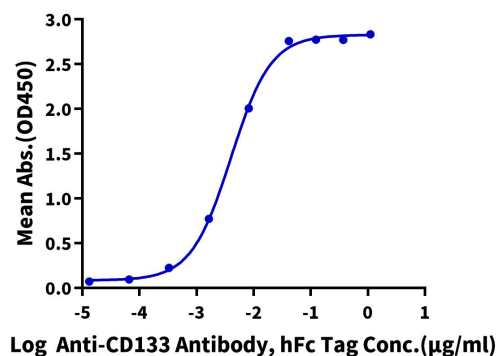
Background

Prominin-1 (PROM1), also known as CD133, is expressed in hepatic progenitor cells (HPCs) and cholangiocytes of the fibrotic liver. It is a cell surface biomarker that allows the identification of stem and cancer stem cells from different organs. It is also expressed in several differentiated epithelial and non-epithelial cells.

Assay Data

ELISA Data

Human CD133 VLP ELISA
0.1 μg Human CD133 VLP Per Well



Immobilized Human CD133 VLP at 1 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) on the plate. Dose response curve for Anti-CD133 Antibody, hFc Tag with the EC50 of 4.0ng/ml determined by ELISA (QC Test).