

Rhesus macaque CDH17/Cadherin 17 Protein

Cat. No. CDH-RM117

Description

Source	Recombinant Rhesus macaque CDH17/Cadherin 17 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln23-Thr784.
Accession	A0A1D5R2B4
Molecular Weight	The protein has a predicted MW of 85.60 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in 20mM Tris, 150mM NaCl (pH 8.0).
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

Liver-intestine cadherin (CDH17) has been known to function as a tumor stimulator and diagnostic marker for almost two decades. In vivo studies showed CDH17 knockout resulted in apoptotic PC tumor death through activating caspase-3 activity. Taken together, CDH17 functions as an oncogenic molecule critical to PC growth by regulating tumor apoptosis signaling pathways and CDH17 could be targeted to develop an anti-PC therapeutic approach.

Assay Data

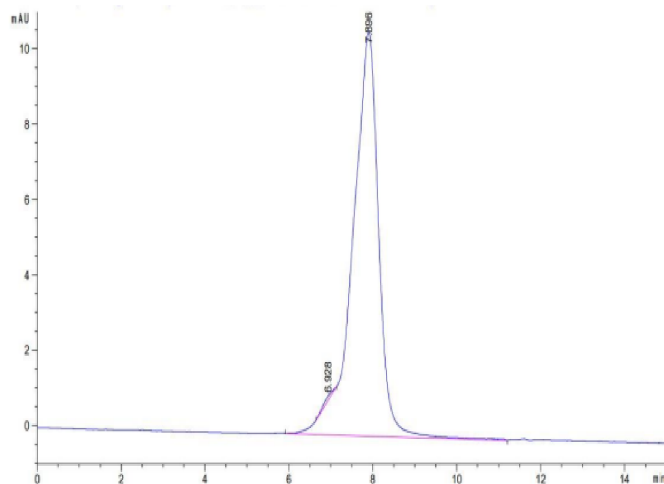
Bis-Tris PAGE



Rhesus macaque CDH17 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data

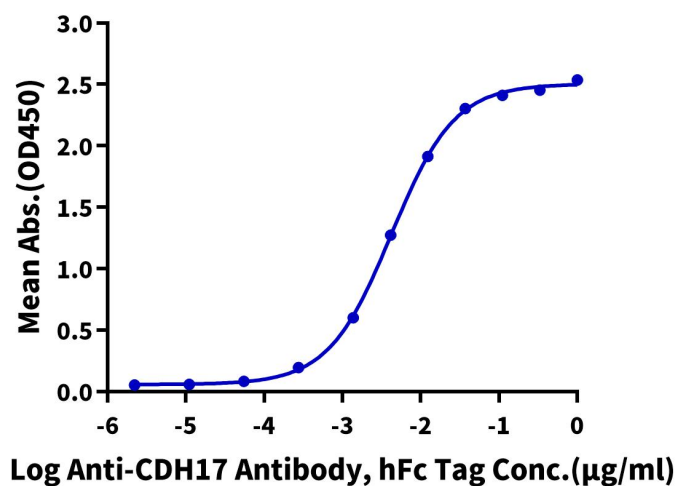


The purity of Rhesus macaque CDH17 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Rhesus macaque CDH17, His Tag ELISA

0.05µg Rhesus macaque CDH17, His Tag Per Well



Immobilized Rhesus macaque CDH17, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CDH17 Antibody, hFc Tag with the EC50 of 4.2ng/ml determined by ELISA.