

Rev02
Update: Aug,08,2025

DATASHEET

CDH17/Cadherin 17, His, Rhesus macaque

Cat. No.: Z06435

Product Introduction

Species	Rhesus macaque
Protein Construction	CDH17/Cadherin 17 (Gln23-Thr784)_x000D_ Accession # A0A1D5R2B4 His N-termC-term
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized CDH17/Cadherin 17, His, Rhesus macaque at 0.5µg/ml (100µl/well) on the plate can bind AntiCDH17 Antibody, hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	85.60 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in 20mM Tris, 150mM NaCl (pH 8.0).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target 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.

Synonyms : Cadherin-17; BILL-cadherin; LI-cadherin; P130; Cdh17; CDH16; HPT-1; cadherin-16; FLJ26931; MGC138218; MGC142024

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