

Rev05
 Update: Mar,12,2026

DATASHEET

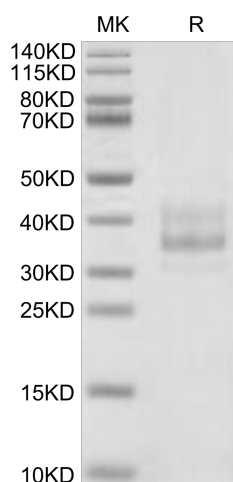
CDH17/Cadherin 17 Domain 1&2, His, Human

Cat. No.: Z05147

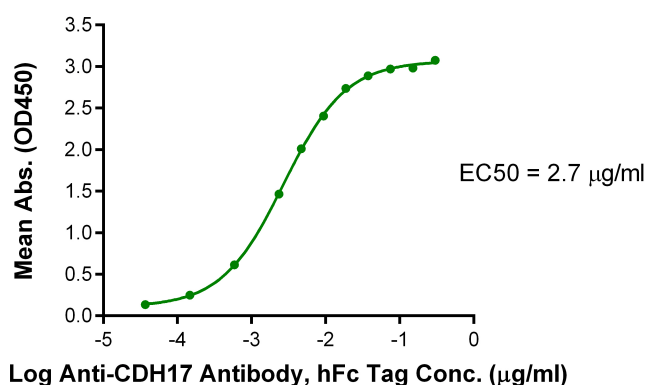
Product Introduction

Species	Human
Protein Construction	CDH17/Cadherin 17 Domain 1&2 (Pro30-Pro244) Accession # Q12864 His N-termC-term
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	25.15 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 35-45 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
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 for 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.

Examples



CDH17/Cadherin 17 Domain 1&2, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized CDH17/Cadherin 17 Domain 1&2, His, Human, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-CDH17 Antibody, hFc Tag with the EC₅₀ of 2.7ng/ml determined by ELISA.

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;

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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