

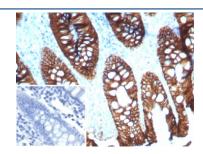
# CDH17 Antibody / Cadherin 17 [clone CDH17/8515R] (V5260)

Catalog No.	Formulation	Size
V5260-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5260-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5260SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

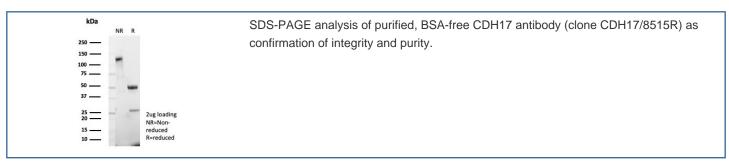
## Recombinant RABBIT MONOCLONAL

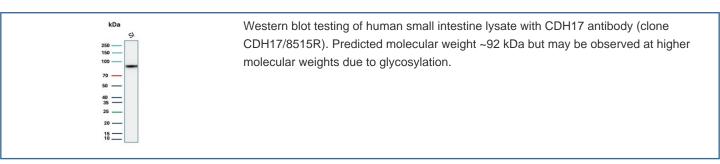
#### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CDH17/8515R
Purity	Protein A affinity
UniProt	Q12864
Localization	Cell Surface, Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 2-4ug/ml
Limitations	This CDH17 antibody is available for research use only.



IHC staining of FFPE human colon tissue with CDH17 antibody (clone CDH17/8515R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.





# **Description**

It recognizes a protein of 120kDa, which is identified as Cadherin 17 (also known as LI Cadherin). The cadherins are a family of Calcium-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domain at the amino terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including beta-catenin, to regulate cadherin function. LI-cadherin (for liver-intestine-cadherin) expression is restricted to liver and intestine tissues and is specifically localized to the basolateral domain of hepatocytes and enterocytes.

# **Application Notes**

Optimal dilution of the CDH17 antibody should be determined by the researcher.

## Immunogen

A recombinant partial protein sequence (within amino acids 242-418) from the human protein was used as the immunogen for the CDH17 antibody.

#### **Storage**

Aliquot the CDH17 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.