

Recombinant

DGRmAb®

## Cadherin 10 (DGR32611) Rabbit mAb

db13195

Package : 10µL 20µL 50µL 100µL

**Product Name :** Cadherin 10 (DGR32611) Rabbit mAb**Cat.No.:** db13195**Synonyms :** T2-cadherin; CDH10**Application :** WB, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a type II classical cadherin of the cadherin superfamily. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature cadherin protein. These integral membrane proteins mediate calcium-dependent cell-cell adhesion and are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a histidine-alanine-valine (HAV) cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is predominantly expressed in brain and is putatively involved in synaptic adhesions, axon outgrowth and guidance. Mutations in this gene may be associated with lung squamous cell carcinoma and colorectal cancer in human patients. [provided by RefSeq, Nov 2015]

**Immunogen**

A synthetic peptide of human cadherin 10

**Gene ID**

1008

**Swiss Prot**

Q9Y6N8

**Synonyms**

T2-cadherin; CDH10

**Reactivity**

Human,Mouse,Rat

**Application**

WB, FC

**Recommended dilution**

WB: 1:1000-1:5000

FC: 1:10-1:100

**Calculated MW**

89 kDa

**Observed MW**

110 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32611
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
<div>□</div>	Western blot detection of cadherin 10 in U2OS,C6 using cadherin 10 antibody(1:1000 diluted)