

## Datasheet

### CLDN4 monoclonal antibody (M01), clone 4A4

**Catalog Number:** H00001364-M01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant CLDN4.

**Clone Name:** 4A4

**Immunogen:** CLDN4 (NP\_001296, 29 a.a. ~ 78 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MWRVTAFIGSNIVTSQTIWEGLWMNCVVQSTGQMQC  
KVYDSSLALPQDLQ

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG3 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1364

**Gene Symbol:** CLDN4

**Gene Alias:** CPE-R, CPER, CPETR, CPETR1, WBSCR8, hCPE-R

**Gene Summary:** This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and

function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. [provided by RefSeq]