

Datasheet for ABIN7127428

Recombinant anti-Claudin 4 antibody[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Claudin 4 (CLDN4)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Claudin 4 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	A synthesized peptide derived from human CLDN4
Clone:	2G12
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

Target Details

Target:	Claudin 4 (CLDN4)
Alternative Name:	CLDN4 (CLDN4 Products)
Background:	Background: Channel-forming tight junction protein that mediates paracellular chloride

Target Details

transport in the kidney. Plays a critical role in the paracellular reabsorption of filtered chloride in the kidney collecting ducts. Claudins play a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

Aliases: Claudin-4, Clostridium perfringens enterotoxin receptor, CLDN4, CPER, CPETR1, WBSCR8

UniProt: [O14493](#)

Pathways: [Hepatitis C](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.