

## Anti-Claudin-4 Antibody (6S422)

### Product Details

Ig Type:	Human IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6S422
Purification:	Affinity-chromatography

### Applications

Verified Activity:	The Binding Activity of Human CLDN4 with Anti-CLDN4 Recombinant Antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CLDN4 at 5 µg/mL can bind Anti-CLDN4 recombinant antibody, the EC50 is 29.56-50.75 ng/mL.
Application:	ELISA

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: Human CLDN4 Protein
Antigen Species:	Human
Gene ID:	1364
Uniprot ID:	O14493
Synonyms:	WBSCR8;Claudin4;CPE-R;CLDN4;Claudin-4;CPE R;CPETR1
Biology Area:	Immunology

### Research Background

Channel-forming tight junction protein that mediates paracellular chloride 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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