

## Anti-OCN Antibody (2G215)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2G215
Purification:	Affinity-chromatography

## Applications

Verified Activity:	<p>1. IHC image of TMAH-00841 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.</p> <p>2. Overlay Peak curve showing HepG2 cells surface stained with TMAH-00841 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10<sup>6</sup> cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1ug/1*10<sup>6</sup> cells) used under the same conditions. Acquisition of &gt;10,000 events was performed.</p>
Application:	ELISA,FCM,IHC
Recommended	IHC:1:50-1:200; FCM:1:50-1:200.

## 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:	A synthetic peptide: Human OCLN
Antigen Species:	Human
Gene ID:	100506658
Uniprot ID:	Q16625
Synonyms:	Occludin
Biology Area:	Signal transduction

## Research Background

May play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier. It is able to induce adhesion when expressed in cells lacking tight junctions. (Microbial infection) Acts as a co-receptor for hepatitis C virus (HCV) in hepatocytes.

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

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