



CLDN15 Antibody, FITC conjugated

Product Code	CSB-PA005495EC01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P56746
Immunogen	Recombinant Human Claudin-15 protein (72-128AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	<p>Claudins function as major constituents of the tight junction complexes that regulate the permeability of epithelia. While some claudin family members function as impermeable barriers, others mediate the permeability to ions and small molecules. Often, several claudin family members are coexpressed and interact with each other, and this determines the overall permeability. CLDN15 forms tight junctions that mediate the paracellular transport of small monovalent cations along a concentration gradient, due to selective permeability for Na⁺, Li⁺ and K⁺ ions, but selects against Cl⁻ ions. Plays an important role in paracellular Na⁺ transport in the intestine and in Na⁺ homeostasis. Required for normal Na⁺-dependent intestinal nutrient uptake.</p>
Form	Liquid
Conjugate	FITC
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Claudin-15, CLDN15
Species	Homo sapiens (Human)
Research Area	Others
Target Names	CLDN15