SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Recombinant Rabbit Anti-Claudin-3 Monoclonal Antibody

Catalog Number: SLA0742M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	11B4
SWISS:	O15551
Target:	Claudin-3
Immunogen:	Synthesized peptide derived from human Claudin 3
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	23 kDa
Background:	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets , forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet , with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this intronless gene , a member of the claudin family , is an integral membrane protein and a component of tight junction strands. It is also a low-affinity receptor for Clostridium perfringens enterotoxin , and shares aa sequence similarity with a putative apoptosis-related protein found in rat.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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