DATASHEET

Claudin-4 Rabbit Monoclonal Antibody(ARA570)

CAT. NO. ARA6011

KEY FEATURES

Target:	Claudin-4	Clone ID:	ARA570
Source/Host:	Rabbit	Reactivity:	Human
Clonality:	Monoclonal	Applications:	IHC
Storage:	at-20°C		

BACKGROUND

Claudin-4 (CLDN4) is a member of the claudin family of tight junction proteins, which are major constituents of the tight junction strands that regulate paracellular permeability and cell polarity in epithelial cells. CLDN4 is overexpressed in several epithelial malignancies including pancreatic, gastric, ovarian and breast cancer, and is widely used as a diagnostic and prognostic immunohistochemical marker.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Rabbit monoclonal antibody to human Claudin-4 (CLDN4)
Specificity	This antibody reacts to human Claudin-4 (CLDN4)
Antibody Type	Primary antibody,Recombinant
Immunogen	A peptide corresponding to the C-terminus of human Claudin-4 (CLDN4)
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Molecular Weight	Predicted: 22 kD; Observed: 22 kD
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	CLDN4; CPE-R; CPETR1; Clostridium perfringens enterotoxin receptor; WBSCR8
Gene Symbol	CLDN4
Entrez Gene	1364(Human)
SwissProt	O14493(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

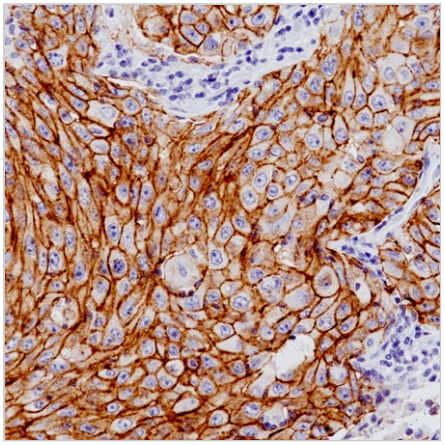
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Immunohistochemical staining of formalin fixed and paraffin embedded human Lung Adenocarcinoma (AC) tissue using Claudin-4 Rabbit Monoclonal Antibody(ARA570) at 1:100 dilution.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com