

Claudin 18.2 (ZR451)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment (around aa1-100) of human Claudin18.2 protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: Claudin 18.2 (ZR451) Rabbit Monoclonal primary antibody detects Claudin 18.2 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain Claudin 18.2 protein.

Localization: Membrane.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: The claudin superfamily consists of many structurally related proteins in humans. These proteins are important structural and functional components of tight junctions in paracellular transport. Claudins are located in epithelial and endothelial cells in all tight junction-bearing tissues. Three classes of proteins are known to localize to tight junctions, including the claudins, occluding, and junction adhesion molecules. Claudins, which consist of four transmembrane domains and two extracellular loops, make uptight junction strands. Emerging evidence suggests that the claudin family of proteins regulates transport through tight junctions via differential discrimination for solute size and charge. Claudin expression is often highly restricted to specific regions of different tissues and may have an essential role in transcellular transport through tight junctions.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Toom S, Huang Y.J Hematol Oncol. 2017; 10(1):105.
2. Athauda A, et al: Ann Oncol. 2021; 32:584-586

REF Z2807RL/ Z2807RS/ Z2807RT/ Z2807RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)




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RUO
(research
use only)

LOT
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