

CLDN20 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CLDN20.

Catalog # AT1552a

Specification

CLDN20 Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	P56880
Other Accession	BC020838
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	23515

CLDN20 Antibody (monoclonal) (M01) - Additional Information

Gene ID 49861

Other Names

Claudin-20, CLDN20

Target/Specificity

CLDN20 (AAH20838, 1 a.a. ~ 219 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CLDN20 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CLDN20 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CLDN20 Antibody (monoclonal) (M01) - Images

CLDN20 Antibody (monoclonal) (M01) - Background

This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions.

CLDN20 Antibody (monoclonal) (M01) - References

The claudins. Lal-Nag M, et al. Genome Biol, 2009. PMID 19706201. Biology of claudins. Angelow S, et al. Am J Physiol Renal Physiol, 2008 Oct. PMID 18480174. Structure and function of claudins. Krause G, et al. Biochim Biophys Acta, 2008 Mar. PMID 18036336. Analysis of the RPE transcriptome reveals dynamic changes during the development of the outer blood-retinal barrier. Rizzolo LJ, et al. Mol Vis, 2007 Jul 23. PMID 17679949. The claudin gene family: expression in normal and neoplastic tissues. Hewitt KJ, et al. BMC Cancer, 2006 Jul 12. PMID 16836752.