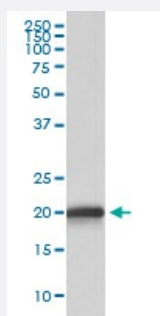


# CLDN5 monoclonal antibody, clone AAHA-3

Catalog # MAB19903      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of human fetal brain lysate with CLDN5 monoclonal antibody.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human CLDN5.
<b>Immunogen</b>	A synthetic peptide corresponding to human CLDN5.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage Instruction</b>	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of human fetal brain lysate with CLDN5 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

## Gene Info — CLDN5

Entrez GeneID [7122](#)

Protein Accession# [O00501](#)

Gene Name CLDN5

Gene Alias AWAL, BEC1, CPETRL1, TMVCF

Gene Description claudin 5

Omim ID [602101](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations** androgen withdrawal and apoptosis induced protein RVP1-like|transmembrane protein deleted in velocardiofacial syndrome

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Tight junction](#)

## Disease

- [Chromosome Deletion](#)
- [Schizophrenia](#)