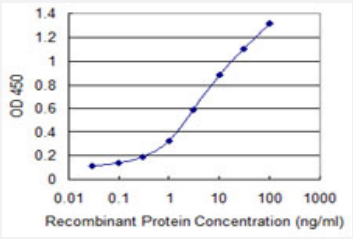
CLDN19 monoclonal antibody (M02), clone 2F2

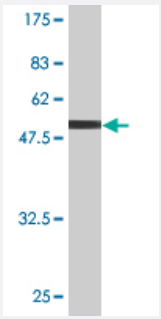
Catalog # H00149461-M02 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CLDN19 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (48.95 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CLDN19.
Immunogen	CLDN19 (AAH30524, 1 a.a. ~ 211 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MANSGLQLLGYFLALGGWVGIIASTALPQWKQSSYAGDAIITAVGLYEGLWMSCASQSTGQVQCK LYDSLLALDGHIQSARALMVVAVLLGFVAMVLSVVGMKCTRVGDSNPIAKGRVAIAGGALFILAGL CTLTAVSWYATLVTQEFFNPSTPVNARYEFGPALFVGWASAGLAVLGGSFLCCTCPEPERPNSS PQPYRPGPSAAAREYV
Host	Mouse
Reactivity	Human

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (48.95 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged CLDN19 is 0.1 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — CLDN19

Entrez GeneID	149461
GeneBank Accession#	BC030524
Protein Accession#	AAH30524
Gene Name	CLDN19
Gene Alias	-
Gene Description	claudin 19
Omim ID	248190 610036
Gene Ontology	Hyperlink

Gene Summary	The product of this gene belongs to the claudin family. It plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. Defects in this gene are the cause of hypomagnesemia renal with ocular involvement (HOMGO). HOMGO is a progressive renal disease characterized by primary renal magnesium wasting with hypomagn esemia, hypercalciuria and nephrocalcinosis associated with severe ocular abnormalities such a s bilateral chorioretinal scars, macular colobomata, significant myopia and nystagmus. Two trans cript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000008733

Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration
- Tight junction