Product Datasheet

Claudin 2 Antibody

Catalog No: #33333

Package Size: #33333-1 50ul #33333-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

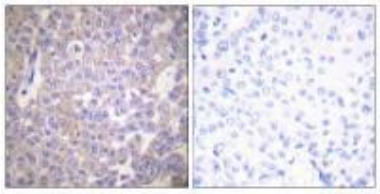
Product Name	Claudin 2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total Claudin 2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Claudin 2.
Target Name	Claudin 2
Other Names	CLD2; CLDN2; SP82;
Accession No.	Swiss-Prot: P57739NCBI Gene ID: 9075
Uniprot	P57739
GeneID	9075;
SDS-PAGE MW	25kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

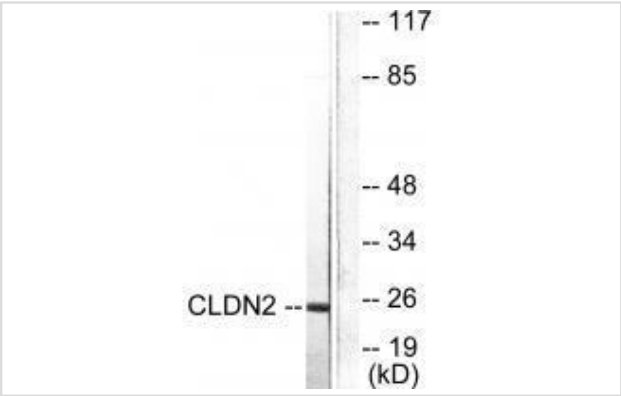
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

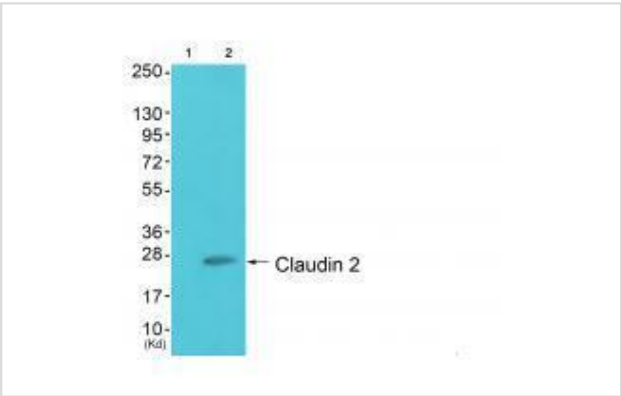
Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Claudin 2 antibody #33333.



Western blot analysis of extracts from NIH/3T3 cells, using Claudin 2 antibody #33333.



Western blot analysis of extracts from HuvEc cells (Lane 2), using Claudin 2 antiobdy #33333. The lane on the left is treated with synthesized peptide.

Background

Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity By similarity.

Michele A. Battle, PNAS, May 2006; 103: 8419 - 8424.

Masahiko Itoh J. Cell Biol., Dec 1999; 147: 1351.

Salah Amasheh, J. Cell Sci., Dec 2002; 115: 4969.

Evemie DubB¨B¦, Biol Reprod, Apr 2007; 10.1095/biolreprod.106.059246.

Note: This product is for in vitro research use only