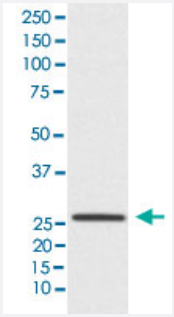
CLDN11 monoclonal antibody, clone AEDI-3

Catalog # MAB22283 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of SH-SY5Y cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CLDN11.
Immunogen	A synthetic peptide corresponding to human CLDN11.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human CLDN11, in native form and recombinant. Superfamily members of CLDN11 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:100) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry
- Western Blot (Cell lysate)

  Western blot analysis of SH-SY5Y cell lysate.

Gene Info — CLDN11

Entrez GeneID	5010
Protein Accession#	O75508
Gene Name	CLDN11
Gene Alias	OSP, OTM
Gene Description	claudin 11
Omim ID	601326
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the claudin family of tight junction associated protein s and is a major component of central nervous system myelin that is necessary for normal CNS fu nction. There is growing evidence that the protein determines the permeability between layers of myelin sheaths via focal adhesion and, with its expression highly regulated during development, m ay play an important role in cellular proliferation and migration. In addition, the protein is a candida te autoantigen in the development of autoimmune demyelinating disease. [provided by RefSeq
Other Designations	oligodendrocyte transmembrane protein

Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Tight junction

Copyright © 2023 Abnova Corporation. All Rights Reserved.