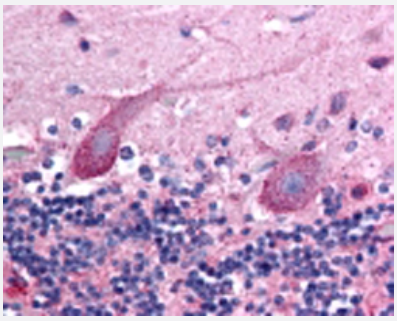
PLXDC1 monoclonal antibody, clone 197C193 (IM193)

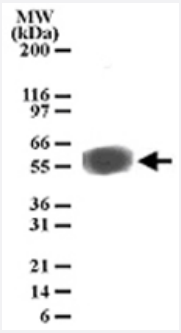
Catalog # MAB0098 Size 100 ug

Applications



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

Immunohistochemical staining of Tumor Endothelial Marker 7 (PLXDC1) in formalin-fixed, paraffin-embedded human Purkinje neurons using PLXDC1 monoclonal antibody, clone 197C193 (IM193) (Cat # MAB0098) at 2.5 ug/mL . Hematoxylin-eosin counterstain.



Western Blot (Cell lysate)

Western blot detection of PLXDC1 in HCT-116 cell lysate. Using PLXDC1 monoclonal antibody, clone 197C193 (IM193) (Cat # MAB0098) at 1 ug/mL dilution.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of PLXDC1.
Immunogen	A synthetic peptide corresponding to amino acids 411-427 of human PLXDC1.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. 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

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

  Immunohistochemical staining of Tumor Endothelial Marker 7 (PLXDC1) in formalin-fixed, paraffin-embedded human Purkinje neurons using PLXDC1 monoclonal antibody, clone 197C193 (IM193) (Cat # MAB0098) at 2.5 ug/mL . Hematoxylin-eosin counterstain.

- Immunohistochemistry (Frozen sections)

- Western Blot (Cell lysate)

  Western blot detection of PLXDC1 in HCT-116 cell lysate. Using PLXDC1 monoclonal antibody, clone 197C193 (IM193) (Cat # MAB0098) at 1 ug/mL dilution.

Gene Info — PLXDC1

Entrez GeneID	57125
Gene Name	PLXDC1
Gene Alias	DKFZp686F0937, FLJ36270, FLJ45632, TEM3, TEM7
Gene Description	plexin domain containing 1
Omim ID	606826
Gene Ontology	Hyperlink
Other Designations	2410003I07Rik|tumor endothelial marker 7

Publication Reference

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Chemotherapeutic stress selectively activates NF-kappa B-dependent AKT and VEGF expression in liver cancer-derived endothelial cells.

  Meng F, Henson R, Patel T.

  American Journal of Physiology. Cell Physiology 2007 May; 293(2):C749.

- Expression of tumor endothelial marker 7 mRNA and protein in the dorsal root ganglion neurons of the rat.

  Lee HK, Kang DS, Seo IA, Choi EJ, Park HT, Park JI.

  Neuroscience Letters 2006 May; 402(1-2):71.

- Cloning, characterization and neuronal expression profiles of tumor endothelial marker 7 in the rat brain.

  Lee HK, Bae HR, Park HK, Seo IA, Lee EY, Suh DJ, Park HT.

  Brain Research. Molecular Brain Research 2005 May; 136(1-2):189.

- Identification of a binding partner for the endothelial cell surface proteins TEM7 and TEM7R.

  Nanda A, Buckhaults P, Seaman S, Agrawal N, Boutin P, Shankara S, Nacht M, Teicher B, Stampfl J, Singh S, Vogelstein B, Kinzler KW, St Croix B.

  Cancer Research 2004 Dec; 64(23):8507.

Disease

- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.