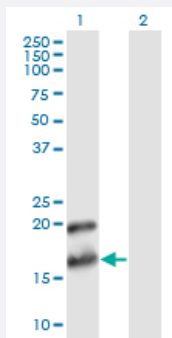


PTN monoclonal antibody (M02), clone 2E3

Catalog # H00005764-M02

Size 100 ug

Applications

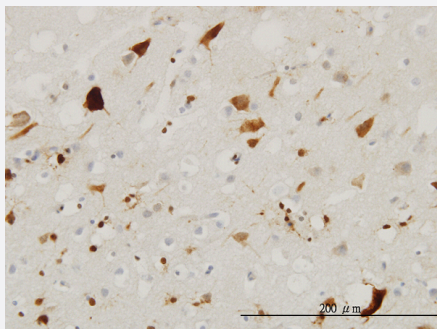


Western Blot (Transfected lysate)

Western Blot analysis of PTN expression in transfected 293T cell line by PTN monoclonal antibody (M02), clone 2E3.

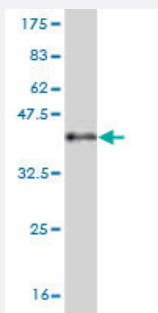
Lane 1: PTN transfected lysate(18.9 KDa).

Lane 2: Non-transfected lysate.



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

Immunoperoxidase of monoclonal antibody to PTN on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 3 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PTN.

Immunogen	PTN (NP_002816, 45 a.a. ~ 154 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SDCGEWQWSVCVPTSGDCGLGTREGTRTGAECKQTMKTQRCKIPCNWKKQFGAECKYQFQA WGECDLNTALKTRTGSLKRALHNAECQKTVTISKPCGKLT KPKPQAESK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Transfected lysate)

Western Blot analysis of PTN expression in transfected 293T cell line by PTN monoclonal antibody (M02), clone 2E3.

Lane 1: PTN transfected lysate(18.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to PTN on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

Gene Info — PTN

Entrez GeneID	5764
GeneBank Accession#	NM_002825
Protein Accession#	NP_002816
Gene Name	PTN
Gene Alias	HARP , HBGF8, HBNF , NEGF1
Gene Description	pleiotrophin
Omim ID	162095
Gene Ontology	Hyperlink
Gene Summary	neurite growth-promoting factor 1)
Other Designations	heparin affin regulatory protein heparin binding growth factor 8 heparin-binding growth-associated molecule neurite growth-promoting factor 1 pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1)

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Tobacco Use Disorder](#)