

## Product datasheet for **TA385092M**

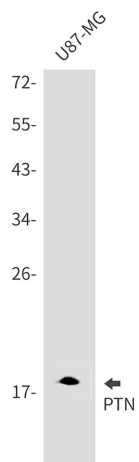
### Pleiotrophin (PTN) Rabbit Monoclonal Antibody [Clone ID: R01-2J3]

#### Product data:

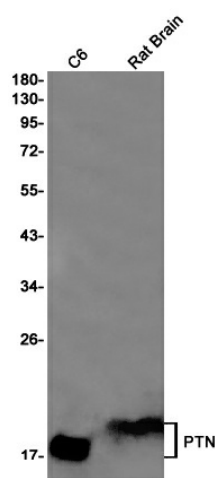
Product Type:	Primary Antibodies
Clone Name:	R01-2J3
Applications:	IP, WB
Recommended Dilution:	WB: 1/1000-1/5000 IP: 1/20
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human PTN
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 19 kDa; Observed MW: 19 kDa
Gene Name:	pleiotrophin
Database Link:	<a href="#">Entrez Gene 5764 Human P21246</a>
Background:	Swiss-Prot Acc.P21246.Secreted growth factor that induces neurite outgrowth and which is mitogenic for fibroblasts, epithelial, and endothelial cells (PubMed:1768439, PubMed:1733956). Binds anaplastic lymphoma kinase (ALK) which induces MAPK pathway activation, an important step in the anti-apoptotic signaling of PTN and regulation of cell proliferation (PubMed:11278720). Binds to cell-surface target proteins via their chondroitin sulfate groups (PubMed:26896299). Down-regulates PTPRZ1 activity (PubMed:16814777).
Synonyms:	HARP; HB-GAM; HBBM; HBGF-8; HBGF8; HBNF; HBNF-1; HBNF1; NEGF1; OSF-1; pleiotrophin


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## Product images:



Western blot analysis of PTN in U87-MG lysates using PTN antibody.



Western blot analysis of PTN in C6, rat Brain lysates using PTN antibody.