

Product datasheet for **AM31947PU-N**

PTPN12 Mouse Monoclonal Antibody [Clone ID: 4G6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4G6
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant protein
Specificity:	This antibody recognizes Human PTPN12.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein tyrosine phosphatase, non-receptor type 12
Database Link:	Entrez Gene 5782 Human Q05209
Background:	PTP-PEST, a NT4 non-receptor protein tyrosine phosphatase, contains PEST sequences at its C-terminus. PTP-PEST has been suggested to affect cell cytoskeleton organization, cell adhesion and motility, and signaling in lymphocytes. Additionally, it may be a general modulator of the Cas family of proteins. Defects in PTP-PEST have been found in some colon cancers.

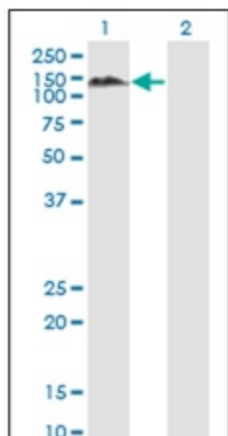


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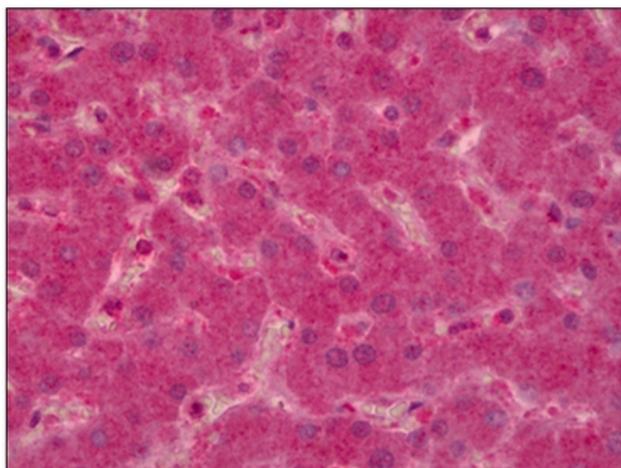
Synonyms: PTP-PEST, PTPG1, Protein-tyrosine phosphatase G1

Protein Families: Druggable Genome, Phosphatase

Product images:



Western Blot analysis of PTPN12 expression in transfected 293T cell line by PTPN12 monoclonal antibody, clone 4G6.



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)