

Product datasheet for **AM05260PU-N**

PTPN12 Mouse Monoclonal Antibody [Clone ID: AG25]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AG25
Applications:	IP, WB
Recommended Dilution:	Suitable for Western Blot (Immunoblotting) and Immunoprecipitation at 1-10 mg/ml.
Reactivity:	Bovine, Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Baculovirus expressed, human full length PTP-PEST
Formulation:	PBS containing 0.08% Sodium Azide as preservative. State: Purified State: Liquid (sterile filtered) purified IgG fraction.
Concentration:	lot specific
Purification:	Protein G chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. 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:	Protein-tyrosine phosphatase G1 (PTP PEST) is an 88 kDa cytosolic protein tyrosine phosphatase which is ubiquitously expressed in mammalian tissues. PTP PEST exhibits a high specific activity when assayed in vitro with artificial tyrosine-phosphorylated substrates. PTP PEST is subject to regulation via phosphorylation of ser 39 and is catalyzed by both protein kinase C and protein kinase A. PTP PEST, clone AG25, was raised against baculovirus expressed purified full length PTP PEST.
Synonyms:	PTP-PEST, PTPG1, Protein-tyrosine phosphatase G1



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