

Product datasheet for **AM01295PU-N**

Biotin Mouse Monoclonal Antibody [Clone ID: B25 (BGN/09/6225)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B25 (BGN/09/6225)
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Biotin
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Biotin conjugated to Bovine Serum Albumin.
Specificity:	This antibody is specific for Biotin.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
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.
Background:	Biotin is a water soluble vitamin, generally classified as a B complex vitamin, also called vitamin B4. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species. Biotin is required as prosthetic group of enzymes involved in incorporation of carbon dioxide into organic compounds. Biotin has a MW of 244 Da.
Synonyms:	Vitamin B7, Vitamin H



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