

## Product datasheet for **AM31253AF-N**

### Biotin Mouse Monoclonal Antibody [Clone ID: B-E24]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B-E24
Applications:	FC, IHC
Recommended Dilution:	<b>Flow Cytometry.</b> <b>Immunohistochemistry.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	KLH conjugated Biotin.
Specificity:	Recognizes Biotin
Formulation:	PBS without Carrier and preservative. This Product is Sterile-filtered through 0.22 µm. State: Azide Free State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
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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