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Product datasheet for AM10164PU-N

Digoxigenin Mouse Monoclonal Antibody [Clone ID: 21H8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	21H8
Applications:	ELISA, IHC, ISH, WB
Recommended Dilution:	**ELISA:** 1/1000-1/10000. **Southern Blot:** 1/500-1/5000. **Western Blot:** > 1/500. **In *Situ* Hybridization.** **Immunohistochemistry:** 1/200-1/2000.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Digoxigenin
Specificity:	Reacts with *free* and *bound* Digoxigenin.
Formulation:	0.1M Tris, 0.1M Glycine, 2% Sucrose State: Purified State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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Background: Digoxigenin (DIG) is a steroid found exclusively in the flowers and leaves of the plants Digitalis purpurea and Digitalis lanata. Digoxigenin is chemically closely related to Digoxin, the cardiac glycoside used for the treatment of various heart diseases. The term 'genin' at the end of Digoxigenin, refers to only the aglycone portion (without the sugar) part of the molecule,thus Digoxigenin is the steroid component of Digoxin, - minus the (digitose) sugar residues. DIG can be covalently added to proteins or nucleic acids which makes it very useful in diverse applications.

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