

Native Red Mulberry Morus rubra Lectin (MRL), Cy3-Conjugated

Cat. No. MRL-173R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Red Mulberry Morus rubra Lectin (MRL) - Cy3
	Blood Group Specificity: Non-specific
	Preferred Sugar Specificity: Galactose, N-Acetylgalactosamine
	Inhibiting or Eluting Sugar: Galactose
	Divalent Ions: None Required
	Excitation: 550 nm
	Emission: 570 nm
	Hazardous Shipping: Non-hazardous
	Fluorescence: Orange

Species	Red Mulberry
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Source	Red Mulberry
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Description	Purified MRL is conjugated to cyanine 3 (Cy3) fluorescent dye. Cyanine dyes are better able to withstand the harsh dehydration and embedding conditions required for mounting sections in non-polar plastic media, and are brighter in a non-polar environment than in an aqueous medium. Advantages of plastic over aqueous mounting media are brightness, contrast, and longevity of the fluorescence. Advantage of Cy3 conjugates are bright and photostable in the aqueous environment as well as in non-polar media. Cy3 has an approximate peak excitation wavelength of 550 nm and an emission wavelength at 570 nm. This product comes in a stabilized liquid form.
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 45-1 Ramsey Road, Shirley, NY 11967, USA

Form	Liquid
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.
Concentration	1 mg/mL
GENE INFORMATION	
Official Symbol	MRL
Synonyms	Morus rubra Lectin; MRL

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