

Native Red Mulberry Morus rubra Lectin (MRL), Cy5-Conjugated

Cat. No. MRL-226R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Red Mulberry Morus rubra Lectin (MRL) - Cy5 Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galactose, N-Acetylgalactosamine Inhibiting or Eluting Sugar: Galactose Divalent Ions: None Required Excitation: 650 nm Emission: 670 nm Hazardous Shipping: Non-hazardous Fluorescence: Red
Species	Red Mulberry
Source	Red Mulberry
Description	Purified MRL is conjugated to cyanine 5 (Cy5) 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. Cy5 has an approximate peak excitation wavelength of 650 nm and an emission wavelength at 670 nm. This product comes in a stabilized liquid form.
Form	Liquid

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Stability	Shelf Life: 1 year
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Storage	At 2-8 centigrade.
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Concentration	1 mg/mL
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GENE INFORMATION

Official Symbol	MRL
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Synonyms	Morus rubra Lectin; MRL
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