



Dolichos Biflorus Agglutinin (DBA), Rhodamine

RL-1032-2

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Short Description

This lectin has a carbohydrate specificity toward α -linked *N*-acetylgalactosamine. It has been used to establish secretor status in blood group A individuals by hemagglutination inhibition techniques and for blood typing. This lectin has also been used as a general marker of developing renal collecting ducts.

Rhodamine labeled *Dolichos biflorus* agglutinin has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorochromes. The excitation maximum is at 575 nm and the emission maximum is at 600 nm.

Additional Information

Unit Size	2 mg
Applications	Immunofluorescence, Glycobiology
Recommended Usage	The recommended concentration range for use is 5-20 μ g/ml.
Recommended Storage	2-8 $^{\circ}$ C
Maximum Excitation	545-555nm
Maximum Emission	570-580 nm
Solution	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM CaCl_2
Concentration	2 mg active conjugate/ml
Conjugate	Rhodamine
Color of Fluorescence	Red
Sugar Specificity	N-Acetylgalactosamine

