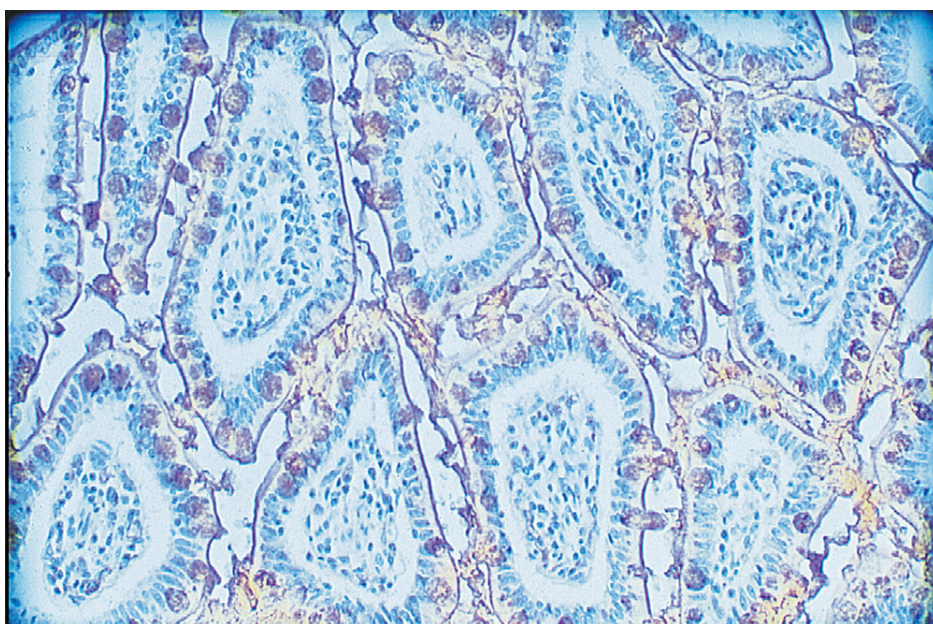




Jacalin, Unconjugated

L-1150-25

Product Images



Short Description

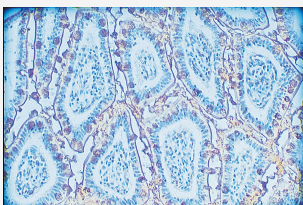
This lectin appears to bind only O-glycosidically linked oligosaccharides, preferring the structure galactosyl (β -1,3) N-acetylgalactosamine. This structure (the T-antigen) is the oligosaccharide to which peanut agglutinin (PNA) binds. However, unlike PNA, Jacalin will bind a mono- or disialylated form of this structure. This lectin has been used to purify human IgA. The specificity of this lectin also affords the opportunity to localize or isolate glycoproteins with O-glycosidically linked oligosaccharide side chains.

Additional Information

Unit Size	25 mg
Applications	Glycobiology, Mitogenic Stimulation
Recommended Usage	Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 8.5, 0.1 mM CaCl_2 is recommended. For preserving solutions, stored at 4 °C, 0.08% sodium azide can be used.
Recommended Storage	2-8 °C
Conjugate	Unconjugated
Sugar Specificity	Galactose

Products in this set

Jacalin, Unconjugated



This lectin appears to bind only O-glycosidically linked oligosaccharides, preferring the structure galactosyl (β -1,3) N-acetylgalactosamine. This structure (the T-antigen) is the oligosaccharide to which peanut agglutinin (PNA) binds. However, unlike PNA, Jacalin will bind a mono- or disialylated form of this structure. This lectin has been used to purify human IgA. The specificity of this lectin also affords the opportunity to localize or isolate glycoproteins with O-glycosidically linked oligosaccharide side chains.

