

# Active Native *Artocarpus integrifolia* Jacalin Protein, Biotinylated

**Cat. No.** Lectin-1793A    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Biotinylated <i>Artocarpus integrifolia</i> Jacalin and has sugar specificity against Galactose.
<b>Species</b>	<i>Artocarpus integrifolia</i>
<b>Source</b>	<i>Artocarpus integrifolia</i>
<b>Description</b>	Jacalin is a lectin composed of four subunits of approximately 16 kDa each. This lectin appears to bind only O-glycosidically linked oligosaccharides, preferring the structure galactosyl ( $\beta$ -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.
<b>Bio-activity</b>	Inhibiting/Eluting Sugar: 800 mM galactose or 100 mM melibiose
<b>Molecular Mass</b>	66 kDa
<b>Applications</b>	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology

## GENE INFORMATION

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**Synonyms**

Lectin; Jacalin

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