

# Active Native Soybean Agglutinin Protein

**Cat. No.** Lectin-1848S    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	This product is the Unconjugated Soybean Agglutinin and has sugar specificity against Galactose and N-Acetylgalactosamine.
<b>Species</b>	Soybean
<b>Source</b>	Soybean
<b>Description</b>	SBA preferentially binds to oligosaccharide structures with terminal $\alpha$ - or $\beta$ -linked N-acetylgalactosamine, and to a lesser extent, galactose residues. Binding can be blocked by substitutions on penultimate sugars, such as fucose attached to the penultimate galactose in blood group B substance.
<b>Bio-activity</b>	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine
<b>Molecular Mass</b>	120 kDa
<b>Applications</b>	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Glycobiology, Mitogenic Stimulation
<b>Reconstitution</b>	Although many buffers can be employed for reconstituting and diluting this lectin, we recommend 10 mM HEPES buffered saline, pH 8.5, 0.1 mM Ca <sup>2+</sup> . For preserving solutions stored at 4 centigrade, 0.08% sodium azide can be used.

## GENE INFORMATION

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<b>Synonyms</b>	Lectin; SBA
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<b>UniProt ID</b>	<a href="#">P05046</a>
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