

Active Native Soybean Agglutinin Protein

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

SPECIFICATION

Product Overview	This product is the Unconjugated Soybean Agglutinin and has sugar specificity against Galactose and N-Acetylgalactosamine.
Species	Soybean
Source	Soybean
Description	SBA preferentially binds to oligosaccharide structures with terminal α - or β -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.
Bio-activity	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine
Molecular Mass	120 kDa
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Glycobiology, Mitogenic Stimulation
Reconstitution	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 ²⁺ . For preserving solutions stored at 4 centigrade, 0.08% sodium azide can be used.

GENE INFORMATION

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Synonyms	Lectin; SBA
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UniProt ID	P05046
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