

Active Native Soybean Agglutinin Protein, Agarose bound

Cat. No. Lectin-1845S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Agarose bound 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.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.1 mM Ca^{2+} , 20 mM galactose, 0.04% sodium azide, 0.01 mM Mn^{2+}
Bio-activity	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine
Molecular Mass	120 kDa
Applications	Glycobiology, Affinity Chromatography
Usage	1, Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin. 2, Suggested conditions for eluting glycoconjugates: 0.2 M galactose in buffered saline.

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Storage	Refrigerate. DO NOT FREEZE.
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Concentration	4.0 mg/ml of settled gel
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GENE INFORMATION

Synonyms	Lectin; SBA
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UniProt ID	P05046
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