

Active Native Wisteria Floribunda Lectin Protein, Agarose bound

Cat. No. Lectin-1868W **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Wisteria Floribunda Lectin and has sugar specificity against N-Acetylgalactosamine.
Species	Wisteria floribunda
Source	Wisteria floribunda
Description	The binding specificity of Wisteria floribunda lectin (WFL) is not completely clear but this lectin appears to preferentially bind carbohydrate structures terminating in N-acetylgalactosamine linked α or β to the 3 or 6 position of galactose. This lectin has been used to fractionate lymphocyte populations, and although not mitogenic, elicits the production of lymphokines from murine splenocytes.
Form	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.1 mM Ca^{2+} , 20 mM galactose, 0.08% sodium azide
Bio-activity	Inhibiting/Eluting Sugar: 200 mM N-acetylgalactosamine
Molecular Mass	116 kDa
Applications	Glycobiology, Affinity Chromatography
Usage	1, Wash gel thoroughly with buffer before use to remove sugar added to stabilize the lectin.

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2, Recommended product for eluting glycoconjugates bound to this agaroselectin: Glycoprotein Eluting solution. Alternatively, 200 mM N-acetylgalactosamine or several column volumes of 200 mM acetic acid can be used.

3, After use, wash the gel with several column volumes of buffered saline, then resuspend gel in buffered saline containing 0.08% sodium azide for storage

Storage	Refrigerate. DO NOT FREEZE.
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Concentration	3 mg/ml of settled gel
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GENE INFORMATION

Synonyms	Lectin; WFA; WFL
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UniProt ID	A0A1D5B396
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