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# Fluorescein-conjugated Wisteria floribunda Lectin

National Cancer Institute

## Source

National Cancer Institute. *Fluorescein-conjugated Wisteria floribunda Lectin*. NCI Thesaurus. Code C148169.

A fluorescein conjugated to a preparation of lectin(s) extracted from the seeds of Wisteria floribunda (Japanese wisteria), with potential use as a diagnostic agent. Upon administration of fluorescein-conjugated Wisteria floribunda lectin, the lectin moiety preferentially targets and binds to carbohydrate structures containing N-acetylgalactosamine and galactose residues overexpressed on certain tumor cell surfaces. Using white and fluorescent light, tumor cells with increased lectin-binding affinity can be visualized or imaged.