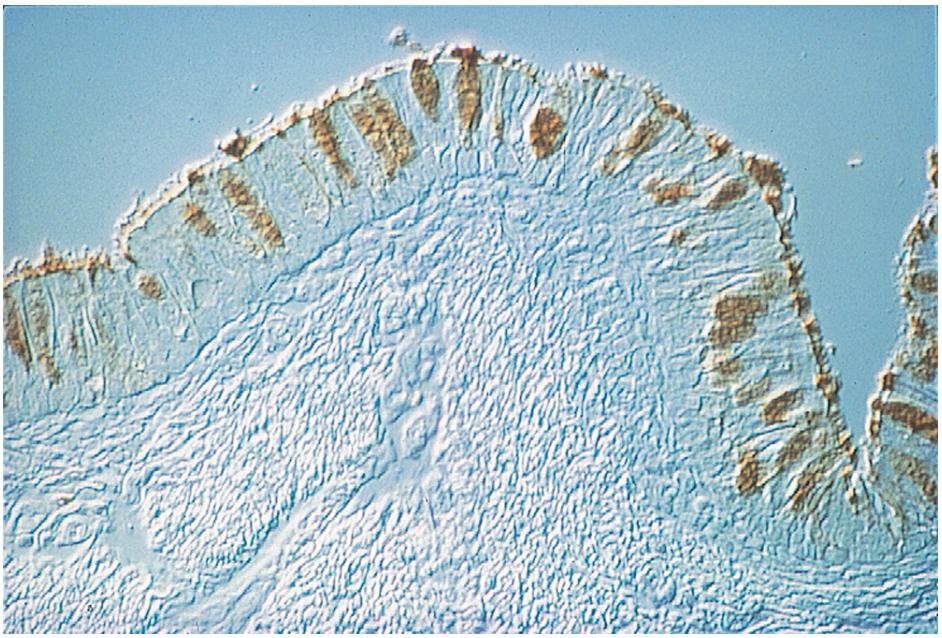
Soybean Agglutinin (SBA), Biotinylated

B-1015-5

Product Images



Short 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.

Biotinylated Soybean agglutinin has an appropriate number of biotins bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated biotins and is preserved with sodium azide.

Additional Information

Unit Size	5 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Blotting Applications, Elispot, ELISAs, Glycobiology
Recommended Usage	For most applications we recommend a freshly prepared working solution of 5-20 µg/ml in the above buffer.
Recommended Storage	2-8 °C; Store frozen for long term storage
Inhibiting and/or Eluting Sugar	Inhibiting Sugar: 200 mM N-acetylgalactosamine (S-9001).
Solution	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM $CaCl_2$
Concentration	5 mg active conjugate/ml
Conjugate	Biotinylated
Sugar Specificity	Galactose, N-Acetylgalactosamine