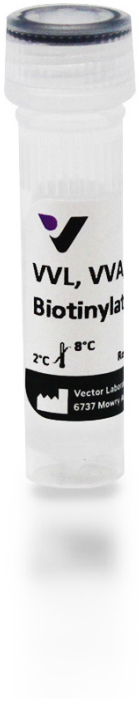
# Vicia Villosa Lectin (VVL, VVA), Biotinylated

# B-1235-2

## Product Images



## Short Description

VVL recognizes preferentially α- or β-linked terminal *N*-acetylgalactosamine, especially a single α-*N*-acetylgalactosamine residue linked to serine or threonine in a polypeptide (the Tn antigen). Evidence suggests that this lectin also may require specific amino acid sequences at the receptor site of glycosylation. The disaccharide galactosyl (α-1,3) *N*-acetylgalactosamine is also a potent inhibitor of this lectin.

Biotinylated *Vicia villosa* lectin 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

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| Unit Size | 2 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 |
| Solution | 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 0.1 mM $CaCl_2$, 0.01 mM $MnCl_2$. |
| Concentration | 2 mg active conjugate/ml |
| Conjugate | Biotinylated |
| Sugar Specificity | N-Acetylgalactosamine |