

# Native Horse gram Dolichos biflorus Lectin (DBA), Cy5-Conjugated

**Cat. No.** DBA-209H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <b>Product Overview</b> | <p>Native Horse gram Dolichos biflorus Lectin (DBA) - Cy5</p> <p>Blood Group Specificity: Non-specific</p> <p>Preferred Sugar Specificity: <math>\alpha</math>-N-Acetylgalactosamine</p> <p>Inhibiting or Eluting Sugar: N-Acetylgalactosamine</p> <p>Divalent Ions: Ca<sup>++</sup>, Mn<sup>++</sup>, Mg<sup>++</sup>, Zn<sup>++</sup></p> <p>Excitation: 650 nm</p> <p>Emission: 670 nm</p> <p>Mitogenic Activity: No</p> <p>Hazardous Shipping: Non-hazardous</p> <p>Fluorescence: Red</p> |
| <b>Species</b>          | Horse gram                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Horse gram                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | <p>Cy5, when bound to Dolichos biflorus Lectin (DBA), can show the binding pattern of this lectin in cellular imaging and flow cytometry. The excitation wavelength required for Cy5 to fluoresce is high enough to avoid overlap with most other fluorochromes, making it useful for dual-labeling experiments. Because of this high excitation, there is typically less background from autofluorescence of biological specimens.</p>                                                       |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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|                  |                    |
|------------------|--------------------|
| <b>Stability</b> | Shelf Life: 1 year |
|------------------|--------------------|

|                |                    |
|----------------|--------------------|
| <b>Storage</b> | At 2-8 centigrade. |
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|                      |         |
|----------------------|---------|
| <b>Concentration</b> | 1 mg/mL |
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## GENE INFORMATION

|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | DBA |
|------------------------|-----|

|                 |                               |
|-----------------|-------------------------------|
| <b>Synonyms</b> | Dolichos biflorus Lectin; DBA |
|-----------------|-------------------------------|

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