

# Product Data Sheet

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : Licopersicon Esculentum lectin FSD™ 488
- Catalog Number : SBN0002
- Packing Unit : 1 mg
- Appearance : Yellow Liquid
- Storage Conditions : Protect from light, 4 °C

## 2. Additional Information

- Fluorophore Label : FSD Fluor™ 488
- Excitation<sub>Max</sub> : 495 nm
- Emission<sub>Max</sub> : 521 nm

## 3. Description

Lectin-FSD 488 is a fluorescence labeled carbohydrate binding protein or glycoprotein that FSD fluorophore is covalently attached to lectin. The maxima of Ex/Em values are at 495/521 nm. Lectins display high, specific affinity to sugar residues thereby enable to distinguish subtle alteration in glycosylation otherwise indistinguishable cells. FSD 488 is a bright green dye that developed by BioActs' cutting-edge technology displaying excellent optical property comparing to spectrally similar dyes. Fluorescence-conjugated lectins are versatile carbohydrate detecting probes in microscopy, histochemistry and flow cytometry. BioActs offers Lectin-FSD 488 for the identification of various cellular carbohydrates.