

Glycine max Lectin (SBA) - HRP (Horseradish Peroxidase)

Cat PL00451

Size 2 mg

Sugar Specificity

α -N-Acetylgalactosamine > β -N-Acetylgalactosamine

Description

Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes substrate oxidation by hydrogen peroxide to produce colored or fluorescent products or release light as a byproduct of the reaction. It is most commonly used in western blotting, immunoassays, and immunohistochemical methods. Glycine max(soybean) lectin (SBA) is coupled to HRP in appropriate proportions to provide optimal staining properties.

Abbreviation

SBA

Material Source

Soybean

Conjugate

Horseradish Peroxidase (HRP)

Concentration

2 mg/mL

Purity

High Purity Grade

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

α -N-Acetylgalactosamine > β -N-Acetylgalactosamine

Inhibiting or Eluting Sugar

N-Acetylgalactosamine

Divalent Ions

Ca⁺⁺, Mn⁺⁺

Mitogenic Activity

Yes

Format

Liquid

Storage

-20°C

Molecular Weight

140 kDa

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Hazardous Shipping

Non-hazardous

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