

Native Pea Pisum sativum Lectin (PSA/PSL), AP-Conjugated

Cat. No. PSA/PSL-030P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Pea Pisum sativum Lectin (PSA/PSL) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: α-Mannose, α-Glucose Inhibiting or Eluting Sugar: α-Methylmannoside + α-Methylglucoside Divalent Ions: Ca^{++}, Mn^{++} Mitogenic Activity: Yes Hazardous Shipping: Non-hazardous
Species	Pea
Source	Pea
Description	Alkaline phosphatase (AP) is conjugated to Pisum sativum Lectin (PSA/PSL) to show the binding of PSA/PSL in many applications including Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate resulting in a colored or fluorescent product. The optimal enzymatic activity of this protein is between pH 8 and 10, and its reaction rate remains linear, improving sensitivity over time.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	At -20 centigrade.
----------------	--------------------

Concentration	1 mg/mL
----------------------	---------

GENE INFORMATION

Official Symbol	PSA/PSL
------------------------	---------

Synonyms	Pisum sativum Lectin; PSA/PSL
-----------------	-------------------------------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA