

Native Peanut Lectin, PE conjugated

Cat. No. Lectin-1718P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is arachis hypogaea lectin which against Gal beta 1-3 GalNAc (PE)
Species	Peanut
Source	Peanut
Description	<p>Peanut lectin (PNA) is an identical tetrameric carbohydrate free protein with MW of 110 kDa. Thomsen-Friedenreich antigen, T-antigen (Galβ1, 3GalNAc) is present on blood group M & N glycoproteins (after removal of sialic acid with neuraminidase), glyconjugates (Mucin type), gangliosides and many glycolipids. T antigen is rarely expressed on normal colonocytes whereas cells of malignant, premalignant cells express this antigen. Peanut lectin has widely been used to detect T antigen in malignant and premalignant cells. Peanut lectin contains one atom of Ca²⁺ and Mg²⁺ per unit.</p> <p>Inhibiting/Eluting sugars: 200 mM Galactose</p> <p>Carbohydrate-Binding Specificity of PNA: Galβ1, 3 GalNAc>>>>GalNAc>Gal</p>
Form	10 mM bicarbonate, 150 mM NaCl, pH 8.2, 0.1 mM Calcium chloride and 0.05% sodium azide
Applications	<p>FACS, ICC/IF.</p> <p>Immunofluorescence (IF) 1: 50-1:200. Flow cytometry 1: 100-1:500. The optimum dilution should be determined by the individual lab.</p>
Storage	Store at 2-8centigrade.

 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



Concentration 5 mg/ml (Please refer to the vial label for the specific concentration)

GENE INFORMATION

Synonyms Peanut Lectin, PNA, PNA lectin, Arachis hypogaea, Arachis hypogaea lectin, Peanut agglutinin lectin, Peanut agglutinin

UniProt ID [P02872](#)

 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