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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Peanut Lectin (Biotin)

Cat No. GTX01507

Application WB, ELISA, IHC

Package

1 mg

PRODUCT

Summary

Peanut lectin (PNA) is an identical tetrameric carbohydrate free protein with MW of 110 kDa. Thomsen-Friedenreich antigen, T-antigen (Gal β 1, 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.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
WB	1:500-1:2500
ELISA	1:500-1:2500
IHC	1:250-1:1000

Not tested in other applications.

Specificity/Sensitivity Carbohydrate-Binding Specificity of Peanut Lectin : Gal β 1, 3 GalNAc >> GalNAc > Gal

PROPERTIES

Form	Liquid
Buffer	10 mM bicarbonate, 150 mM NaCl, 0.1 mM Calcium chloride (pH 8.2), 0.05% sodium azide. Dilute biotinylated lectin in PBS containing 0.1 mM calcium chloride ions.
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4° C.
Concentration	5 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography followed by gel filtration chromatography
Conjugation	Biotin
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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