AntiProt

Product information

Antibody name:	anti-urtica dioica agglutinin (UDA)
Product number:	L01U-1
Quantity:	100 µl
Clonality/purity:	polyclonal antibodies
Host:	rabbit
Immunogen:	extracted *Urtica dioica* full-length agglutinin
Applications:	ELISA. Optimal dilutions are dependent on conditions and should be determined by the user. Other applications not tested.
Specificity:	Reacts with *Urtica,* other plants were not tested
Storage buffer:	Phosphate buffered saline, pH 7.2; 0.05% Sodium Azide (NaN_3)
Storage:	Store at +4°C up to one month or in aliquots at -20°C for longer. Avoid repeated freezing and thawing.
Description:	*Urtica dioica* agglutinin (UDA), a monomeric lectin extracted from stinging nettle rhizomes, is specific for saccharides containing *N*-acetylglucosamine (GlcNAc). The lectin behaves as a superantigen for murine T cells, inducing the exclusive proliferation of lymphocytes. UDA is unique among known T cell superantigens because it can be presented by major histocompatibility complex (MHC) molecules of both class I and II. Beside that, Urtica lectin extracts are widely used for treatment of benign prostate hyperplasia.
Related products:	The antibodies are available in the form of ELISA-tests and immunosticks for rapid sample preparation. Please, contact us for information on these products.
References:	Willer F., Wagner H., Schecklies E. (1991) Urtica-Wurzelextrakte. Standartisierung mit Hilfe der ELISA-Technik und der HPLC. Deutsche Apotheker Zeitung, 131, No. 24.

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