

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Galectin-12 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 984522
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human Galectin-12 synthetic peptide Accession # Q96DT0
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

ELISA Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Human Galectin-12 is a member of a family of mammalian lectins known as galectins. The galectins constitute a large family of carbohydrate-binding proteins that function in many systems both intracellularly and following secretion. Galectins contain either one or two carbohydrate recognition domains (CRR) which mediate recognition of N-acetyl-lactosamine-containing glycoproteins. Some galectins exist in multiple isoforms due to alternative splicing. Individual galectins differ in their tissue distribution and in their carbohydrate-binding specificities. Galectin-12 is predominantly expressed in adipose tissue and detected also in macrophages and other leukocytes. Many isoforms, A to G, have been identified. Based on immunogen, this antibody should detect all isoforms.

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