

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Galectin-14 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human Galectin-1, -2, -3, -4, -7, -8, -10, or recombinant mouse Galectin-9 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 511124
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Galectin-14 Met1-Asp139 Accession # Q8TCE9
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.

Western Blot 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

Galectin-14, also known as placental protein 13-like (PPL13), belongs the galectin family of carbohydrate binding proteins. It is expressed intracellularly in placenta and eosinophils and is released by eosinophils following allergen stimulation. Galectin-14 may be involved in the development of allergic inflammation.

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