

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Galectin-9 in direct ELISAs and Western blots. In Western blots, approximately 10% cross-reactivity with recombinant human (rh) Galectin-3 and rhGalectin-4 is observed and less than 2% cross-reactivity with rhGalectin-1, rhGalectin
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Galectin-9
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.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	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-9 (also known as Ecalectin and UAT) is a 40 kDa β-galactosidase binding lectin that belongs to a tandem repeat group of Galectins. Activated cells such as T cells, PMNs, astrocytes, fibroblasts and endothelial cells can express Galectin-9, but its release requires select MMPs. Human to mouse, there is 69% aa sequence identity for Galectin-9.

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