

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human DEC-205/CD205 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human DEC-205/CD205 Cys216-Cys501 Accession # O60449
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

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

DEC-205, also known as CD205 and lymphocyte antigen 75 (Ly 75), is a type I transmembrane protein that is primarily expressed on dendritic cells and thymic epithelial cells. The extracellular region of DEC-205 contains ten C-type lectin-like domains, a fibronectin type II domain and a ricin B-type lectin domain. DEC-205 functions as an endocytic receptor for antigens. The recombinant protein used to generate the anti-human DEC-205 antibody contains the first two C-type lectin domains.

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