

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CD164 in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant mouse CD164 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CD164 extracellular domain Asp24-Leu197 Accession # Q04900
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

CD164, also known as endolyn, MGC-24, and MUC-24, is an 80-100 kDa transmembrane sialomucin protein that is expressed by epithelial cells, T and B cells, monocytes, hematopoietic progenitor cells, and activated basophils. CD164 functions as an adhesion molecule and a negative regulator of cell proliferation. A soluble isoform is generated by alternate splicing. Within the ECD, human CD164 shares approximately 53% sequence identity with mouse and rat CD164.

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