

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin α E/CD103 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse Integrin α 2, α 3, α 4, α 5, α M, α X, or recombinant human Integrin α 5 is observed.
Source	Monoclonal Rat IgG ₁ Clone # 262523
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Integrin α E/CD103 Phe20-Asn1113 (Ser453Gly) Accession # Q60677
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

The α E subunit, also known as CD103, forms a non-covalent heterodimer with Integrin β 7. Integrin α E/ β 7 is a receptor for E-Cadherin. Integrin α E is expressed on intra-epithelial lymphocytes and mediates adhesion of intra-epithelial lymphocytes to epithelial cell monolayers.

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