Mouse Integrin αE/CD103 Alexa Fluor® 750-conjugated Antibody

Monoclonal Rat IgG_1 Clone # 262523

Catalog Number: FAB1990S

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Integrin αE/CD103 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse Integrin α2, α3, α4, α5, αM, αX, or recombinant human Integrin α5 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 αE/CD103 Phe20-Asn1113 (Ser453Gly) Accession # Q60677
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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 αE subunit, also known as CD103, forms a non-covalent heterodimer with Integrin β7. Integrin αE/β7 is a receptor for E-Cadherin. Integrin αE is expressed on intra-epithelial lymphocytes and mediates adhesion of intra-epithelial lymphocytes to epithelial cell monolayers.

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