

Integrin alpha E antibody [ITGAE/2474]

Cat. No. GTX17969

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	IHC-P, Protein Array
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-P	1-2µg/ml for 30 minutes at RT
Protein Array	Assay dependent

Note : Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Not tested in other applications.

Product Note This MAb recognizes a protein of 150kDa, identified as CD103, which is the alpha-E integrin subunit of the heterodimeric alpha-E beta-7 (aEb7) integrin belonging to a small beta-7 integrin subfamily.

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant human ITGAE protein fragment (exact sequence is proprietary)
Purification	Protein A/G purified
Conjugation	Unconjugated



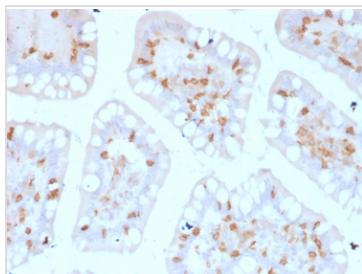
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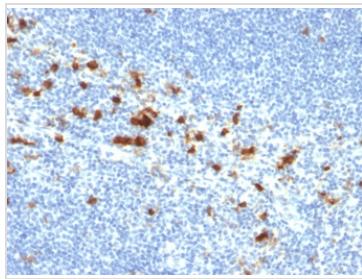
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Note

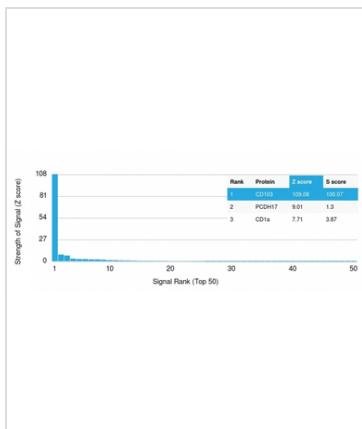
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DATA IMAGES**GTX17969 IHC-P Image**

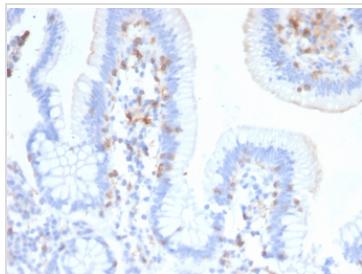
IHC-P analysis of human colon tissue using GTX17969 Integrin alpha E antibody [ITGAE/2474].

**GTX17969 IHC-P Image**

IHC-P analysis of human tonsil tissue using GTX17969 Integrin alpha E antibody [ITGAE/2474].

**GTX17969 Protein Array Image**

Analysis of Protein Array containing more than 19,000 full-length human proteins using CD103 Mouse Monoclonal Antibody (ITGAE/2474). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.

**GTX17969 IHC-P Image**

IHC-P analysis of human small intestine tissue using GTX17969 Integrin alpha E antibody [ITGAE/2474].



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