

Product datasheet

Anti-Integrin alpha E antibody [AP-MAB0828] ab83052

Overview

Product name	Anti-Integrin alpha E antibody [AP-MAB0828]
Description	Rat monoclonal [AP-MAB0828] to Integrin alpha E
Host species	Rat
Tested applications	Suitable for: IP, IHC-Fr, Flow Cyt, Inhibition Assay
Species reactivity	Reacts with: Mouse
Immunogen	Mouse mammary tumor cells

General notes

This monoclonal can be used for the inhibition of CD103 mediated adhesion.

Properties

Form	Lyophilised
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS
Purification notes	The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate buffered saline.
Primary antibody notes	This monoclonal can be used for the inhibition of CD103 mediated adhesion.
Clonality	Monoclonal
Clone number	AP-MAB0828
Isotype	IgG2

Applications

Our [Abpromise guarantee](#) covers the use of **ab83052** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent dilution.

Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent dilution.
Flow Cyt		Use at an assay dependent dilution.
Inhibition Assay		Use at an assay dependent dilution.

Target

Function	Integrin alpha-E/beta-7 is a receptor for E-cadherin. It mediates adhesion of intra-epithelial T-lymphocytes to epithelial cell monolayers.
Tissue specificity	Expressed on a subclass of T-lymphocytes known as intra-epithelial lymphocytes which are located between mucosal epithelial cells.
Sequence similarities	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
Domain	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
Cellular localization	Membrane.

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