

## Product datasheet

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

### Overview

<b>Product name</b>	Anti-Integrin alpha E antibody [AP-MAB0828]
<b>Description</b>	Rat monoclonal [AP-MAB0828] to Integrin alpha E
<b>Tested applications</b>	<b>Suitable for:</b> IP, IHC-Fr, Flow Cyt, Inhibition Assay
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Mouse mammary tumor cells
<b>General notes</b>	This monoclonal can be used for the inhibition of CD103 mediated adhesion.

### Properties

<b>Form</b>	Lyophilised
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: PBS
<b>Purification notes</b>	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.
<b>Primary antibody notes</b>	This monoclonal can be used for the inhibition of CD103 mediated adhesion.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	AP-MAB0828
<b>Isotype</b>	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.
IHC-Fr		Use at an assay dependent dilution.

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

## Target

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

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