Product datasheet

Anti-CD103 antibody [OX62] (PE) ab95763

Overview

Product name: Anti-CD103 antibody [OX62] (PE)
Description: Mouse monoclonal [OX62] to CD103 (PE)
Host species: Mouse
Conjugation: PE. Ex: 488nm, Em: 575nm
Tested applications: Suitable for: Flow Cyt
Species reactivity: Reacts with: Rat
Immunogen: Tissue, cells or virus. Density gradient enriched PVG Rat thoracic duct dendritic cells.
Positive control: Rat splenocytes.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: pH: 7.20
Preservative: 0.09% Sodium azide
Purity: Protein G purified
Clonality: Monoclonal
Clone number: OX62
Isotype: IgG1

Applications

Our Abpromise guarantee covers the use of ab95763 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Integrin alpha-E/beta-7 is a receptor for E-cadherin. It mediates adhesion of intra-epithelial T-lymphocytes to epithelial cell monolayers.

Expressed on a subclass of T-lymphocytes known as intra-epithelial lymphocytes which are located between mucosal epithelial cells.

Belongs to the integrin alpha chain family.
Contains 7 FG-GAP repeats.
Contains 1 VWFA domain.

The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.

Membrane.

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.

Images

Flow cytometry staining of rat splenocytes with Anti-Rat CD4 FITC and 0.125 µg of Mouse IgG1 ? Isotype Control PE (left) or 0.125 µg of ab95763 (right). Cells in the lymphocyte gate were used for analysis and events are displayed after gating out CD3+ T cells and CD45RB+ cells and gating on the remaining cells, which are MHC Class II+.

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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