

CD103 (ZR404)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant human ITGAE/CD103 protein fragment (aa 775-855)
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: CD103 (ZR404) Rabbit Monoclonal primary antibody detects CD103 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain CD103 protein.

Localization: Cell Surface and cytoplasmic.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: This mAb recognizes a protein of 150 kDa, identified as CD103, which is the alpha-E integrin subunit of the heterodimeric alpha-E beta-7 (αEb7) integrin belonging to a small beta-7 integrin subfamily. CD103 is expressed by more than 95% of intraepithelial CD8+ cells and 40% of mucosa-associated T cells, whereas less than 2% of resting blood lymphocytes are CD103-positive. In several malignant conditions, such as T-cell lymphomas and hairy cell leukemia (HCL), the cells express CD103.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Morgan EA, et al, Am J Clin Pathol. 2013;139(2):220-30

REF Z2760RL/ Z2760RS/ Z2760RT/ Z2760RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
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