

Anti-CD103 [OX-62] Standard Size Ab00560-8.1

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG2b, Kappa

Clone Number: OX-62

Alternative Name(s) of Target: alpha E2 integrin; Integrin α E; integrin E; integrin α IEL; integrin α OX-62; Itgae

UniProt Accession Number of Target Protein:

Published Application(s): deplete, enrich, IP, MACS, WB, FC, IF, IHC-Fr

Published Species Reactivity: Rat

Immunogen: BALB/c mice were immunized with rat (PVG) density gradient-enriched veiled (dendritic) cells obtained from the cannulated thoracic duct of mesenteric lymphadenectomized rats.

Specificity: This antibody is specific for rat alpha E2 integrin, which is expressed on dendritic cells, intra-epithelial lymphocytes (a subclass of T-lymphocytes located between mucosal epithelial cells in the small intestine), and on cells of dendritic morphology in lymphoid organs, at sites where gamma delta T cells are present.

Application Notes: OX-110 can be used to stain in FC.

Antibody First Published in: Wright et al. The MRC OX-62 Antigen: A Useful Marker in the Purification of Rat Veiled Cells with the Biochemical Properties of an Integrin *J Exp Med.* 1992 Jun 1;175(6):1457-65.

[PMID:1588275](#)

Note on publication: Describes the use of OX-110 in studying CD200R expression on isolated leukocyte populations.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.