

## Anti-CD103 [OX-62] Standard Size Ab00560-8.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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, Fc Silent™, Kappa

**Clone Number:** OX-62

**Alternative Name(s) of Target:** alpha E2 integrin; Integrin αE; integrin E; integrin αIEL; integrin αOX-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.