

Anti-CD6 [OX-52] Standard Size Ab00551-2.0

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: OX-52

Alternative Name(s) of Target: OX52; MRC OX-52; MRC OX 52

UniProt Accession Number of Target Protein: Q812A4

Published Application(s): IP, FC, IHC-Fr

Published Species Reactivity: Rat

Immunogen: This antibody was prepared by immunizing BALB/c mice intraperitoneally with 4×10^7 rat (PVG-RT1c) thoracic duct leucocytes, followed 10 days later by a second injection of 4×10^7 PVG-RT1c spleen cells.

Specificity: This antibody is specific for rat CD6, which is largely restricted to cells of the T-lymphocyte lineage.

Application Notes: This antibody recognizes rat CD6, which is largely restricted to cells of the T-lymphocyte lineage, and, as a result, this antibody can be used to identify such cells in tissues or cell suspensions (Robinson, 1986). In cell suspensions prepared from lymph node, TDL, thymus and spleen, exclusively T cells are labelled. Using the immunoperoxidase technique on cryostat tissue sections, staining is mainly confined to the T-cell areas of the spleen, lymph nodes and Peyer's patches, as well as all thymocytes. However, occasional positive cells have been observed in the B cell areas of lymphoid organs (Robinson, 1986), and consequently this antibody is used in conjunction with other markers, such as OX-19, to identify T cells.

Antibody First Published in: Robinson et al. MRC OX-52: A rat T-cell antigen Volume 57, Issue 4, 1986, Pages 527-531 [PMID:2937721](#)

Note on publication: Describes the original use of this antibody in preliminary investigations into the nature of its antigen (CD6), and investigates the usefulness of this antibody as a T-cell marker.

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.