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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-RT1-D [OX-17] Standard Size Ab00582-8.1

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-17

Alternative Name(s) of Target: MHC class II RT1D alpha chain antigen; OX17; MRC OX-17; MRC OX17

UniProt Accession Number of Target Protein: O98172

Published Application(s): Depletion, IP, WB, FC, IF

Published Species Reactivity: Rat

Immunogen: OX-17 was generated using BALB/c mice raised against rat spleen glycoproteins depleted of the Ia-A antigen using an OX-6 immunoaffinity column.

Specificity: The OX-17 antigenic determinant is isotypic and on the alpha chain. OX-17 labels B but not T cells from lymph node or thoracic duct lymph but very weakly labels thymocytes and does not label erythrocytes. OX-17 does not cross-react with Rat Ia-A or Mouse Ia-E antigen. The target antigen is expressed on antigen presenting cells, including B cells, macrophages and dendritic cells. RT1-D is a rat MHC class II protein. RT1-D is equivalent to mouse I-E antigen.

Application Notes: This antibody binds to rat MHC Class I, and has been used to show that, in an in vivo rat model, antibodies against MHC class I antigens from stored blood may precipitate transfusion-related acute lung injury (Kelher, 2009).

Antibody First Published in: Fukumoto et al Mouse monoclonal antibodies against rat major histocompatibility antigens. Two Ia antigens and expression of Ia and class I antigens in rat thymus. Eur J Immunol 12:237-43 19826456222 [PMID:6178598](#)

Note on publication: Describes the generation and use of OX-17 to identify and purify novel Ia antigens..

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.