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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD2 [OX-34] Bulk Size Ab00559-8.4-BT

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 IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG2b, Fc Silent™, Kappa

Clone Number: OX-34

Alternative Name(s) of Target: LFA-2; LFA2; OX-34 antigen; OX34 antigen; T-cell surface antigen T11/Leu5; T cell surface antigen T11/Leu5; OX34; MRC OX34; MRC OX-34

UniProt Accession Number of Target Protein: P08921

Published Application(s): Block, FC

Published Species Reactivity: Rat

Immunogen: OX-34 was prepared by immunizing mice with T blasts prepared in mixed lymphocyte reactions with purified rat T helper cells against irradiated spleen.

Specificity: OX-34 binds specifically to rat CD2. CD2 is type I membrane protein involved in triggering of T-cells (cytoplasmic domain is involved in signaling function) and is expressed on thymocytes, peripheral T cells, dendritic epidermal T cells, macrophages in the spleen, and NK cells.

Application Notes: Ox34 blocks CD48 binding to CD2 causing partial block of T cell activation; OX34 can be used to deplete peripheral T cells (used to prevent allograft rejection in vivo).

Antibody First Published in: Arvieux et al. Monoclonal antibodies against a rat leucocyte antigen block antigen-induced T-cell responses via an effect on accessory cells. Immunology 58:337 1986 [PMID:2942461](#)

Note on publication: Describes the use of OX-45 in blocking the primary mixed lymphocyte response (MLR) and the secondary response of T lymphocytes to the soluble antigen DNP-BGG. It also showed that OX-45 did not have any effect on the cytotoxic activity of specific (CTL) or non-specific (NK) killer cells or on proliferative responses stimulated by lectins or oxidative mitogenesis.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In:

PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.