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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD147 [OX-47] Standard Size Ab00573-8.4

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-47

Alternative Name(s) of Target: Basigin; BSG; extracellular matrix metalloproteinase inducer; EMMPRIN; Glycoprotein CE9; OX-47 antigen

UniProt Accession Number of Target Protein: P26453

Published Application(s): RIA, WB, FC, IHC-Fr

Published Species Reactivity: Rat

Immunogen: Mice immunized with rat T blasts from a mixed lymphocyte reaction between purified CD4+ T cells and irradiated spleen cells.

Specificity: This antibody is specific for rat CD147, which has a broad distribution; OX-47 labels T and B cell blasts, peritoneal macrophages, the endothelium of all except large vessels and kidney tubules, but does not label TDL and thymocytes.

Application Notes: This antibody binds mouse CD147, and has been used in FC and IHC-fr analysis to characterise CD147 and detect the cell types on which it is expressed, indicating that CD147 is a lymphocyte activation marker (Paterson, 1987). This antibody failed to give immunoprecipitates from radiolabelled activated T cells.

Antibody First Published in: Paterson et al. Antigens of activated rat T lymphocytes including a molecule of 50,000 Mr detected only on CD4 positive T blasts Molecular Immunology, 1987, Vol.24(12), pp.1281-1290 [PMID:2828930](#)

Note on publication: Describes the original use of this antibody as part of FC and IP studies to identify new markers for activated T cells.

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.