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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD147 [OX-47] Bulk Size Ab00573-8.1-BT

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-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 M r 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: 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.