



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



Anti-CD147 [OX-114] Bulk Size Ab00578-6.1-BT

Isotype and Format: Rat IgG1, Kappa

Clone Number: OX-114

Alternative Name(s) of Target: Basigin; basic immunoglobulin superfamily; HT7 antigen; membrane glycoprotein gp42; gp42; gp-42; OX114; MRC OX-114; MRC OX114

UniProt Accession Number of Target Protein: P18572

Published Application(s): IP, WB, FC, IHC

Published Species Reactivity: Mouse

Immunogen: OX-114 was generated by immunizing rats with recombinant mCD147d0-2rCD4d3+4.

Specificity: OX-114 binds to both the 2- and 3-domain isoforms of CD147. CD147 targets monocarboxylate transporters to the plasma membrane, and is involved in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates production of matrix metalloproteases. Possibly a receptor for oligomannosidic glycans. CD147 found only in vascular endothelium in non-neoplastic regions of the brain whereas it is present in tumor cells but not in proliferating blood vessels in malignant gliomas.

Application Notes: This antibody binds mouse CD147, and has been used in FC and IHC for 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: Hanna et al. A novel form of the membrane protein CD147 that contains an extra Ig-like domain and interacts homophilically. BMC Biochem 4:17 2003 [PMID:14606962](#)

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.