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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD71 [OX-26] Standard Size Ab00558-8.1

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, Kappa

Clone Number: OX-26

Alternative Name(s) of Target: transferrin receptor; TfR; p90; T9; TFR1; OX26; MRC OX26; MRC OX-26

UniProt Accession Number of Target Protein: Q99376

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

Published Species Reactivity: Rat

Immunogen: OX-26 was prepared by immunizing BALB/c mice with rat transferrin receptor.

Specificity: OX-101 binds specifically to CD47 and has been shown to compete with OX-41 for binding . CD47 acts as an adhesionn receptor for THBS1 on platelets and is involved in the modulation of integrins (signalling). Acts as a SIRPA receptor - SIRPA binding prevents maturation of immature dendritic cells and and inhibits cytokine production by mature dendritic cells. Possibly involved in changes to membrane permeability due to virus infection.

Application Notes: This antibody can be used for affinity chromatography purification and can block the interaction between OX41-CD4d3+4 beads and cells.

Antibody First Published in: Vernon-Wilson et al CD47 is a ligand for rat macrophage membrane signal regulatory protein SIRP (OX41) and human SIRPalpha 1. Eur J Immunol 30:2130-7 2000 [PMID:9712053](#)

Note on publication: Describes the use of OX-101 in identifying CD47 as the ligand for SIRP.

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.