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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-CD71 [OX-26] Bulk Size Ab00558-8.4-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-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 adhesion 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 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: 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.