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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD26 [OX-61] Standard Size Ab00568-8.4

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 IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG2b, Fc Silent™, Kappa

Clone Number: OX-61

Alternative Name(s) of Target: DPP4; DPP 4; DPPIV; DPP IV; Dipeptidyl peptidase 4; Bile canaliculus domain-specific membrane glycoprotein; GP110 glycoprotein; T-cell activation antigen CD26 ;OX61; MRC OX-61; MRC OX61

UniProt Accession Number of Target Protein: P14740

Published Application(s): ICC, IP, RIA, WB, FC, IF, IHC

Published Species Reactivity: Rat

Immunogen: OX-61 was prepared by immunizing mice with rat thoracic duct lymphoid cells that were enriched for dendritic cells.

Specificity: OX-61 binds specifically to DPP4. Evidence: tissue distribution of OX-61 and DPP4 are identical; equal MWTs; OX-61-mediated reduction in DPP4 activity from solubilized liver homogenates. DPP4 is a glycoprotein receptor which acts as a positive regulator of T cell co-activation.

Application Notes: This antibody can be used for denaturing and non-denaturing WB and developed using peroxidase-conjugated rabbit anti-mouse. It can also be used for IHC of cryostat sections from adult rat liver. Staining is also observed on the brush border of the small intestine and colonic epithelium, T cell areas of lymphoid cells but not B cell follicles

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. Mol Immunol 24:1281 1987 [PMID:2828930](#)

Note on publication: Describes the use of Ox-48 among other antibodies to identify new markers for activated T-cells, which might have expression related to the active Vs quiescent state or may be involved in specific T-cell functions.

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.