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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-CD26 [OX-61] Standard Size Ab00568-8.1

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-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.