

Datasheet for ABIN7543019

Recombinant anti-DPP4 antibody



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Overview

Quantity:	200 µg
Target:	DPP4
Reactivity:	Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This DPP4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Radioimmunoassay (RIA)

Product Details

Purpose:	Anti-CD26 [OX-61], Rabbit IgG, kappa
Immunogen:	OX-61 was prepared by immunizing mice with rat thoracic duct lymphoid cells that were enriched for dendritic cells.
Clone:	OX-61
Isotype:	IgG kappa
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.
Characteristics:	Original Species of Ab: Mouse

Product Details

Original Format of Ab: IgG2a

Purification: Protein A affinity purified

Target Details

Target: DPP4

Alternative Name: CD26 ([DPP4 Products](#))

Background: 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: [P14740](#)

Pathways: [Peptide Hormone Metabolism](#), [Regulation of Leukocyte Mediated Immunity](#)

Application Details

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

Comment: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG3 format, for improved compatibility with existing reagents, assays and techniques.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.