

Datasheet for ABIN7472924 **anti-DPP4 antibody**



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Overview

Quantity:	0.1 mg
Target:	DPP4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DPP4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP)

Product Details

Immunogen:	Human T-cell leukaemia cells (T-CLL).
	Type of Immunogen: Cells
Isotype:	IgG1
Specificity:	Recognizes human Dipeptidyl peptidase 4, also known as Adenosine deaminase complexing protein 2, CD26, TP103, ADABP or DPP IV. CD26 is a 766 amino acid ~110 kD single pass type II transmembrane glycoprotein expressed by activated T cells, B cells and macrophages. A soluble form of CD26 can be derived by cleavage of the membrane bound form between residues 38-39. CD26 acts as a functional receptor for the pathogenic Middle East respiratory syndrome coronavirus [MERS-CoV], a severe and frequently fatal disease in humans and marmosets sharing identical CD26 sequence at the site of interaction with the MERS-CoV spike protein. Has been used successfully for the immunohistochemical detection of CD26 on

Product Details

formalin fixed, paraffin embedded tissues and the demonstration of elevated CD26 expression in thyroid neoplasia. Has also been used for the immunohistochemical detection of CD26 on cryostat sections using both immunoperoxidase and immunofluorescence staining in liver biopsies from NASH patients.

Purification: Protein G purified

Target Details

Target: DPP4

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

Background: Name/Gene ID: DPP4
Subfamily: Serine S9B
Family: Protease

Synonyms: DPP4, ADCP-2, ADABP, Dipeptidyl peptidase IV, Dipeptidyl-peptidase 4, DPPIV, ADCP2, T-cell activation antigen CD26, CD26, CD26 antigen, Dipeptidyl peptidase 4, Dipeptidylpeptidase 4, DPP IV, TP103

Gene ID: 1803

UniProt: [P27487](#)

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

Application Details

Application Notes: Approved: Flo (1:50 - 1:100), IHC, IHC-Fr, IP

Usage: Flow Cytometry: Use 10 µL of the suggested working dilution to label 10⁶ cells or 100 µL whole blood. Method sheets are available on request.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Handling

Buffer:	PBS, pH 7.4, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.