

Datasheet for ABIN6937101
anti-DPP4 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	DPP4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DPP4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide from the amino terminal region of CD26
Clone:	134-2C2
Isotype:	IgM kappa
Specificity:	Recognizes a glycoprotein of 110 kDa, identified as CD26. It is an atypical serine protease belonging to the prolyl oligopeptidase family. It is expressed on lymphocyte cells and is upregulated during T-cell activation. CD26 is also expressed on activated B cells and natural killer cells and abundantly on epithelia. CD26 is implicated in a variety of biological functions including T-cell activation, cell adhesion with extracellular matrix such as fibronectin or collagens, and in HIV infection.
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	DPP4
Alternative Name:	DPP4 (DPP4 Products)
Background:	ADA-binding protein (ADABP), Adenosine deaminase complexing protein 2 (ADCP-2), Dipeptidyl peptidase 4, Dipeptidyl peptidase 4 soluble form, Dipeptidyl peptidase IV membrane form, Dipeptidyl peptidase IV soluble form, Dipeptidyl peptidase, intestinal, Dipeptidylpeptidase 4, Dipeptidylpeptidase IV, DPP4, DPPIV, Intestinal dipeptidyl peptidase, T-cell activation antigen CD26, TP103,CD26 (DPP IV / ADA-Binding Protein) Cellular localisation: Cell Surface
Molecular Weight:	110kDa
Gene ID:	1803, 368912
UniProt:	P27487
Pathways:	Peptide Hormone Metabolism , Regulation of Leukocyte Mediated Immunity

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Frozen Only) (1-2ug/ml for 30 minutes at RT) Optimal dilution for a specific application should be determined. Positive_Control: U-87 MG (Human glioblastoma astrocytoma), Ramos (Human Burkitt's lymphoma, HEP-G2 cells and lymphocytes. Lymph nodes and tonsils.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Purified Ab WITHOUT BSA at 1.0mg/ml
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months