

Datasheet for ABIN6939247 **anti-DPP4 antibody**



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Overview

Quantity:	100 µg
Target:	DPP4
Reactivity:	Human, Rat
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:	Human T cell clone
Clone:	202-36
Isotype:	IgG2b kappa
Specificity:	Recognizes a glycoprotein of 110 kDa, identified as CD26 (Workshop VI, Code: N-L039). 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-linking of CD26 using this antibody dramatically enhances the anti-CD3-induced IL-2 production. In Western blotting, this MAb reacts with only glycosylated CD26, but not with the deglycosylated form. It does not prevent ADA binding to CD26.

Product Details

No Cross-Reactivity: Pig (Porcine), Sheep (Ovine)

Purification: Purified by Protein A/G

Target Details

Target: DPP4

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

Molecular Weight: 110kDa

Gene ID: 1803

UniProt: [P27487](#)

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

Application Details

Application Notes: Positive Control: YT, HEP-G2 cells and lymphocytes. Lymph nodes and tonsils.
Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Immunohistochemistry (Frozen Only) (0.5-1.0 µg/mL for 30 minutes at RT) Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % 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.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months