

36-1084: Monoclonal Antibody to CD26 (DPP IV / ADA-Binding Protein)(Clone : 202.36)

Clonality :	Monoclonal
Clone Name :	202.36
Application :	FACS,IF,IHC
Reactivity :	Rat, Human
Gene :	DPP4
Gene ID :	1803
Uniprot ID :	P27487
Format :	Purified
Alternative Name :	DPP4,ADCP2,CD26
Isotype :	Mouse IgG2b, kappa
Immunogen Information :	Human T cell clone

Description

Recognizes a glycoprotein of 110kDa, 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 Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Frozen Only) (1-2ug/ml for 30 minutes at RT)