

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

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

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	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)