

## Product datasheet for **AM08171PU-N**

### **CD26 (DPP4) Mouse Monoclonal Antibody [Clone ID: 134-2C2]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	134-2C2
Applications:	FC, FN, IHC, IP
Recommended Dilution:	<b>Flow Cytometry:</b> < / = 1 µg/10e6 cells. <b>Immunoprecipitation.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Studies of CD26 mediated T cell signaling.</b> <b>Studies of involvement of CD26 in HIV infection.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Specificity:	This antibody recognizes CD26.
Formulation:	100 mM Borate Buffered Saline, pH 8.0 without preservatives. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dipeptidyl peptidase 4
Database Link:	<a href="#">Entrez Gene 1803 Human P27487</a>



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<b>Background:</b>	CD26 also known as Dipeptidyl Peptidase IV (DPP IV) 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. (Ref.1-6)
<b>Synonyms:</b>	ADCP2, Dipeptidyl peptidase 4, DPP IV, Dipeptidyl peptidase IV, ADABP, TP103