



# Anti-DPP4 Monoclonal antibody, clone N-B372 [Biotin] (CABT-BL7451)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	N-B372
<b>Purification</b>	Affinity chromatography
<b>Conjugate</b>	Biotin
<b>Applications</b>	FC
<b>Format</b>	Liquid
<b>Concentration</b>	10ul/Test
<b>Size</b>	100 tests
<b>Buffer</b>	TBS, pH 7.2-7.4, with 1% BSA
<b>Preservative</b>	0.02% sodium azide
<b>Storage</b>	4°C

## BACKGROUND

### Introduction

CD26 [also known as dipeptidyl peptidase IV (DPP IV), adenosine deaminase (ADA) binding protein]. 1 - 3 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.

### Keywords

DPP4; dipeptidyl-peptidase 4; ADCP2, adenosine deaminase complexing protein 2 , CD26,

dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2); dipeptidyl peptidase 4; DPPIV; ADCP-2; DPP IV; dipeptidylpeptidase 4; dipeptidyl peptidase IV; T-cell activation antigen CD26; adenosine deaminase complexing protein 2; dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2); CD26; ADABP; ADCP2; TP103;

---

## GENE INFORMATION

Entrez Gene ID [1803](#)

---

UniProt ID [P27487](#)

---