

CD26 Rabbit mAb

Catalog No: #49506

Package Size: #49506-1 50ul #49506-2 100ul

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Description

Product Name	CD26 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM11-42
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	CD26 antigen antibody ADA-binding protein antibody ADABP antibody ADCP 2 antibody ADCP-2 antibody ADCP2 antibody Adenosine deaminase complexing protein 2 antibody CD 26 antibody CD26 antibody CD26 antigen 3 antibody Dipeptidyl peptidase 4 antibody Dipeptidyl peptidase 4 soluble form antibody Dipeptidyl peptidase IV antibody Dipeptidyl peptidase IV membrane form antibody Dipeptidyl peptidase IV soluble form antibody Dipeptidyl peptidase, intestinal antibody Dipeptidylpeptidase 4 antibody Dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2) antibody Dipeptidylpeptidase IV antibody DPP 4 antibody DPP IV antibody DPP IV estoenzyme antibody DPP4 antibody DPP4_HUMAN antibody DPPIV antibody Intestinal dipeptidyl peptidase antibody T cell activation antigen CD26 antibody T-cell activation antigen CD26 antibody TP 103 antibody TP103 antibody
Accession No.	Swiss-Prot#:P27487
Uniprot	P27487
GeneID	1803;
Calculated MW	110 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:100 ICC: 1:50-1:200FC: 1:50-1:100

Background

CD26 (dipeptidylpeptidase 4, adenosine deaminase complexing protein 2, ADABP, ADCP2, DPPIV, TP103) is a membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. CD26 has an essential role in immune regulation as a T cell activation molecule and a regulator of chemokine function. CD26 associates with CXCR4 and gp120 and may influence the pathophysiology of HIV infection. Adenosine deaminase (ADA) colocalizing with adenosine receptors on dendritic cells are able to interact with CD26 expressed on lymphocytes. This costimulatory signal in the immunological synapse leads to an increase in the production of the T helper 1 and proinflammatory cytokines IFN-gamma, TNF-alpha, and IL-6. CD26 plays a role in the pathogenesis and behavior of human cancers, including solid tumors and hematological malignancies. CD26-caveolin-1 interaction plays a role in the up-regulation of CD86 on TT-loaded monocytes and subsequent engagement with CD28 on T cells, leading to antigen-specific T cell activation.

References

Note: This product is for in vitro research use only