

Mouse anti-Human, Rat CD26 Monoclonal Antibody | anti-DPP4 antibody

CD26 (DPP IV / ADA-Binding Protein) Mouse Monoclonal Antibody

CATALOG # AAA62688	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD26; Monoclonal Antibody; CD26 (DPP IV / ADA-Binding Protein) Mouse Monoclonal Antibody; ADA-binding protein (ADABP); Adenosine deaminase complexing protein 2 (ADCP-2); Dipeptidyl peptidase 4; Dipeptidyl peptidase 4 soluble form; Dipeptidyl peptidase IV membrane form; Dipeptidyl peptidase IV soluble form; Dipeptidyl peptidase; intestinal; Dipeptidylpeptidase 4; Dipeptidylpeptidase IV; DPP4; DPPIV; Intestinal dipeptidyl peptidase; T-cell activation antigen CD26; TP103; anti-DPP4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	202.36
Specificity	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.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	766
Applicable Applications for anti-DPP4 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Apical cell membrane, Cell junction, Cell membrane, Cell projection, Invadopodium membrane, Lamellipodium membrane, Membrane raft, Secreted
Immunogen	Human T cell clone
Positive Control	YT, HEP-G2 cells, and lymphocytes. Lymph nodes and tonsils.
Research Areas	Cardiovascular, Dendritic Cell Marker, Endothelial Cell Marker, Hypoxia
Preparation and Storage	Antibody without azide - store at -20 to -80°C. Non-hazardous. No MSDS required.

ADDITIONAL INFORMATION

References	Kishimoto T. et al., eds. Leukocyte Typing VI, p478-489 and p1128, Garland Publishing, Inc, New York and London, 1997
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18765694
NCBI GeneID	1803
NCBI Accession #	NP_001926.2
NCBI GenBank Nucleotide #	NM_001935.3
UniProt Accession #	P27487; Q53TN1
Molecular Weight	110kDa
NCBI Official Full Name	dipeptidyl peptidase 4
NCBI Official Synonym Full Names	dipeptidyl peptidase 4
NCBI Official Symbol	DPP4
NCBI Official Synonym Symbols	CD26; ADABP; ADCP2; DPPIV; TP103
NCBI Protein Information	dipeptidyl peptidase 4
UniProt Protein Name	Dipeptidyl peptidase 4
UniProt Gene Name	DPP4
UniProt Synonym Gene Names	ADCP2; CD26; ADCP-2; DPP IV
UniProt Entry Name	DPP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd26-antibody-clone-202-36-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62688>