

Mouse DPP4 Monoclonal Antibody | anti-DPP4 antibody

DPP4 antibody

CATALOG # AAA106284	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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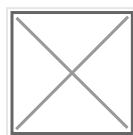
PRODUCT SYNONYMS

DPP4; Monoclonal Antibody; DPP4 antibody; Monoclonal DPP4; Anti-DPP4; CD26; dipeptidyl peptidase iv; Dipeptidylpeptidase 4; Adenosine deaminase complexing protein 2; Cluster of differentiation 26; DPP 4; DPP-4; anti-DPP4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	11D7
Purity/Purification	DPP4 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	766
Applicable Applications for anti-DPP4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DPP4 is a protein that, in humans, is encoded by the DPP4 gene. The protein encoded by the DPP4 gene is an antigenic enzyme expressed on the surface of most cell types and is associated with immune regulation, signal transduction and apoptosis.
Cross-Reactivity	Human
Immunogen	DPP4 antibody was raised in mouse using a full length recombinant protein of human DPP4 (NP_001926) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant DPP4 protein using DPP4 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of DPP4 protein in paraffin embedded Human liver tissue using DPP4 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DPP4 protein (Right) or empty vector (Left) detected with DPP4 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DPP4 antibody	Mouse monoclonal DPP4 antibody
Product Categories/Family for anti-DPP4 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	18765694
NCBI GeneID	1803
NCBI Accession #	NP_001926
NCBI GenBank Nucleotide #	NM_001935.3
UniProt Accession #	P27487 ; Q53TN1
Molecular Weight	88,279 Da
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/dpp4-antibody-clone-11d7-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106284>