

Mouse DPP9 Monoclonal Antibody | anti-DPP9 antibody

DPP9 antibody

CATALOG # AAA74697	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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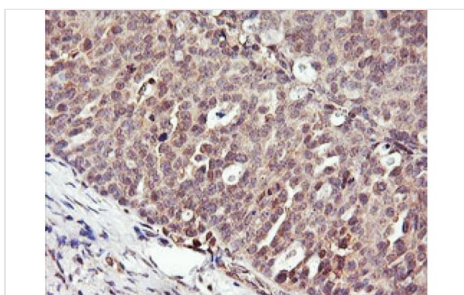
PRODUCT SYNONYMS

DPP9; Monoclonal Antibody; DPP9 antibody; Monoclonal DPP9; Anti-DPP9; Dipeptidylpeptidase 9; Dipeptidyl peptidase 9; DPP 9; DPP-9; anti-DPP9 antibody

PRODUCT SPECIFICATIONS

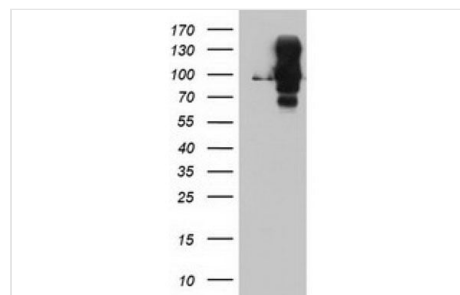
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2 E3
Purity/Purification	DPP9 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	892
Applicable Applications for anti-DPP9 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	DPP9 is an enzyme that in humans is encoded by the DPP9 gene. This gene encodes a protein that is a member of the S9B family in clan SC of the serine proteases. The protein has been shown to have post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. In general, dipeptidyl peptidases appear to be involved in the regulation of the activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer.
Cross-Reactivity	Human, Mouse
Immunogen	DPP9 antibody was raised in mouse using a full length recombinant protein of human DPP9 (NP_631898) 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



IHC (Immunohistochemistry)

Immunohistochemical analysis of DPP9 protein in paraffin embedded Adenocarcinoma of Human ovary tissue using DPP9 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DPP9 protein (Right) or empty vector (Left) detected with DPP9 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DPP9 antibody	Mouse monoclonal DPP9 antibody
Product Categories/Family for anti-DPP9 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	194394146
NCBI GeneID	91039
NCBI Accession #	NP_631898
NCBI GenBank Nucleotide #	NM_139159.4
UniProt Accession #	Q86TI2; O75273; O75868; Q1ZZB8; Q6AI37; Q6UAL0; Q6ZMT2; Q6ZNJ5; Q8N2J7; Q8N3F5; Q8WXD8; Q96NT8
Molecular Weight	95,013 Da
NCBI Official Full Name	dipeptidyl peptidase 9
NCBI Official Synonym Full Names	dipeptidyl-peptidase 9
NCBI Official Symbol	DPP9
NCBI Official Synonym Symbols	DP9; DPLP9; DPRP2; DPRP-2
NCBI Protein Information	dipeptidyl peptidase 9
UniProt Protein Name	Dipeptidyl peptidase 9
UniProt Gene Name	DPP9
UniProt Synonym Gene Names	DPRP2; DP9; DPRP-2; DPP IX; DPLP9
UniProt Entry Name	DPP9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/dpp9-antibody-clone-2-e3-western-blot-immunohistochemistry-flow-cytometry-elisa/74697>