

Product datasheet

Anti-DPP9 antibody [1G9] ab119763

[5 Images](#)

Overview

Product name	Anti-DPP9 antibody [1G9]
Description	Mouse monoclonal [1G9] to DPP9
Tested applications	Suitable for: WB, IHC-P, Flow Cyt
Species reactivity	Reacts with: Rat, Dog, Human, Monkey
Immunogen	Recombinant full length Human DPP9 produced in HEK293T cells (NP_631898).
Positive control	HEK293T cell lysate transfected with pCMV6-ENTRY DPP9 cDNA; HepG2, HeLa, SVT2, COS7, Jurkat, MDCK, PC12 and MCF7 cell extracts; Human lymphoma tissue; HEK293T cells transfected with a DPP9 overexpress plasmid; Jurkat cells

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
Purity	Protein G purified
Purification notes	ab119763 was purified from Mouse ascites fluids by affinity chromatography.
Clonality	Monoclonal
Clone number	1G9
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab119763** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

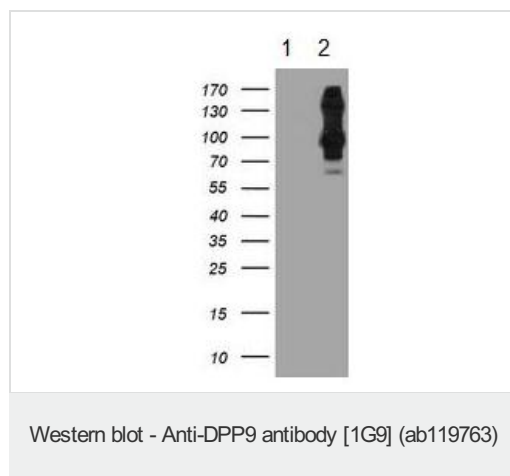
Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 102 kDa.

Application	Abreviews	Notes
IHC-P		1/150.
Flow Cyt		1/100. ab170190 -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function	Dipeptidyl peptidase that cleaves off N-terminal dipeptides from proteins having a Pro or Ala residue at position 2.
Tissue specificity	Ubiquitously expressed, with highest levels in liver, heart and muscle, and lowest levels in brain.
Sequence similarities	Belongs to the peptidase S9B family. DPPIV subfamily.
Cellular localization	Cytoplasm > cytosol.

Images



All lanes : Anti-DPP9 antibody [1G9] (ab119763) at 1/500 dilution

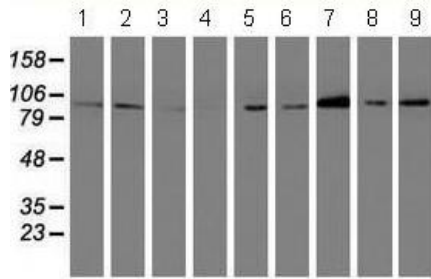
Lane 1 : HEK293T cell lysate transfected with pCMV6-ENTRY control

Lane 2 : HEK293T cell lysate transfected with pCMV6-ENTRY DPP9 cDNA

Lysates/proteins at 5 µg per lane.

Predicted band size : 102 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC224465)



Western blot - Anti-DPP9 antibody [1G9] (ab119763)

All lanes : Anti-DPP9 antibody [1G9]

(ab119763) at 1/500 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HeLa cell extract

Lane 3 : SVT2 cell extract

Lane 4 : A549 cell extract

Lane 5 : COS7 cell extract

Lane 6 : Jurkat cell extract

Lane 7 : MDCK cell extract

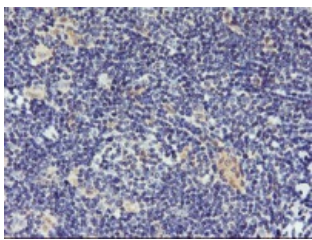
Lane 8 : PC12 cell extract

Lane 9 : MCF7 cell extract

Lysates/proteins at 35 µg per lane.

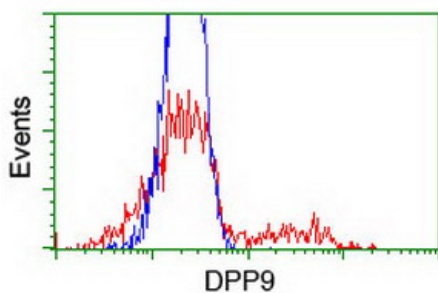
Predicted band size : 102 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC224465)



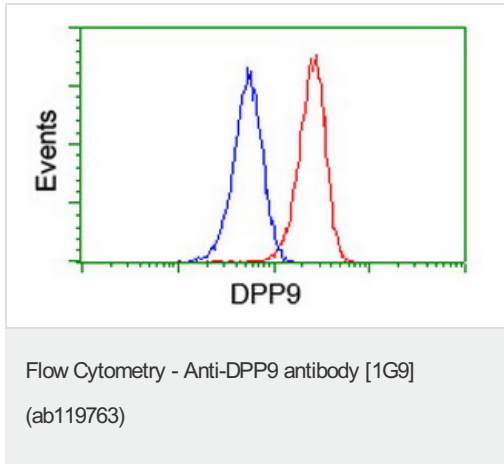
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DPP9 antibody [1G9] (ab119763)

ab119763, at 1/150 dilution, staining DPP9 in paraffin-embedded Human lymphoma tissue by Immunohistochemistry.



Flow Cytometry - Anti-DPP9 antibody [1G9] (ab119763)

HEK293T cells transfected with either a DPP9 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained using ab119763 at 1/100 dilution, then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using ab119763 at 1/100 dilution (Red), compared to a nonspecific negative control antibody (Blue).

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