

## Product datasheet

# Anti-DPP9 antibody [1G9] ab119763

[5 Images](#)

### Overview

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<b>Product name</b>	Anti-DPP9 antibody [1G9]
<b>Description</b>	Mouse monoclonal [1G9] to DPP9
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Dog, Human, Monkey
<b>Immunogen</b>	Recombinant full length Human DPP9 produced in HEK293T cells (NP_631898).
<b>Positive control</b>	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

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

### Applications

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

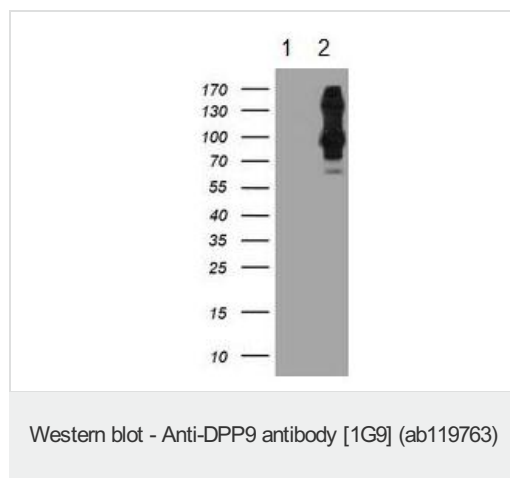
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 102 kDa.
IHC-P		1/150.
Flow Cyt		1/100. <a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

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

## Images



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

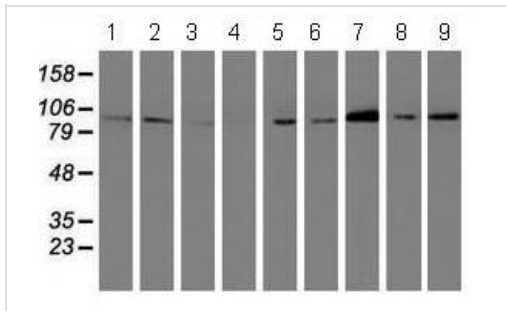
**Lane 1** : HEK293T cell lysate transfected with pCMV6-ENTRY control

**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

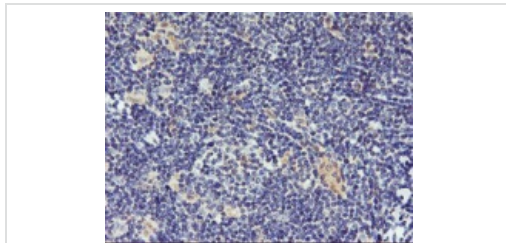
**Lane 8 :** PC12 cell extract

**Lane 9 :** MCF7 cell extract

Lysates/proteins at 35 µg per lane.

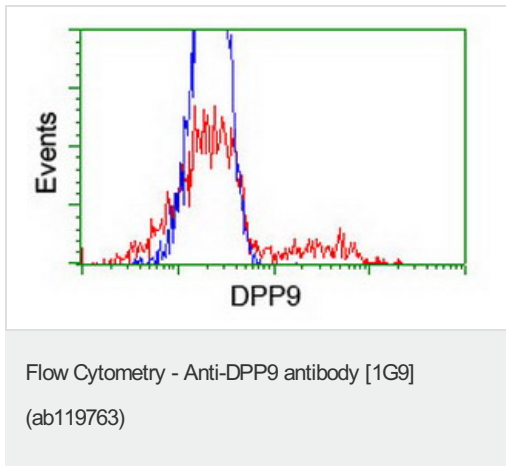
**Predicted band size:** 102 kDa

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

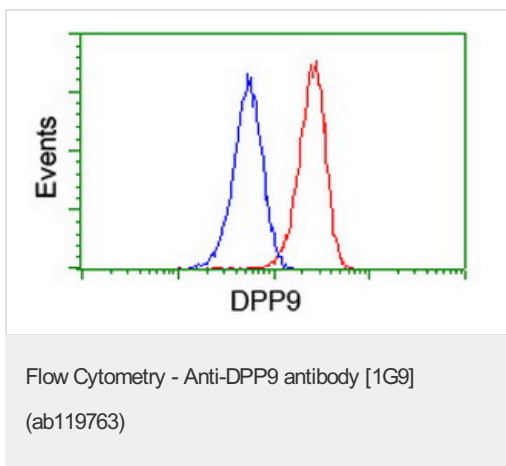


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DPP9 antibody [1G9] (ab119763)

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



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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