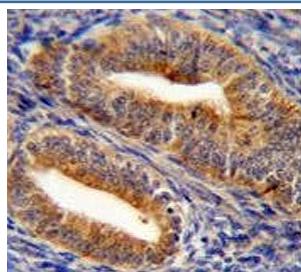


## Dipeptidyl peptidase 3 Antibody / DPP3 (F54584)

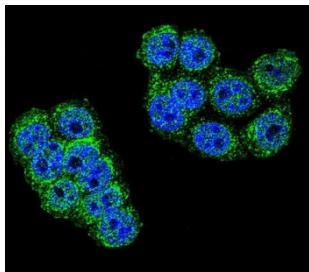
Catalog No.	Formulation	Size
F54584-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54584-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q9NY33
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells) Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	This Dipeptidyl peptidase 3 antibody is available for research use only.



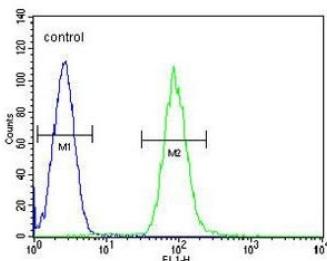
IHC testing of FFPE human uterus tissue with Dipeptidyl peptidase 3 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human HeLa cells with Dipeptidyl peptidase 3 antibody (green) and DAPI nuclear stain (blue).

kDa  
95  
72  
55  
36  
28

Western blot testing of human HL60 cell lysate with Dipeptidyl peptidase 3 antibody. Expected molecular weight ~83 kDa and ~70 kDa (DPP3-BBS1).



Flow cytometry testing of human HL60 cells with Dipeptidyl peptidase 3 antibody; Blue=isotype control, Green= Dipeptidyl peptidase 3 antibody.

## Description

This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternate transcriptional splice variants have been characterized.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Dipeptidyl peptidase 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 583-612 from the human protein was used as the immunogen for the Dipeptidyl peptidase 3 antibody.

## Storage

Aliquot the Dipeptidyl peptidase 3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

