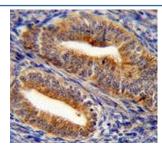


# Dipeptidyl peptidase 3 Antibody / DPP3 (F54584)

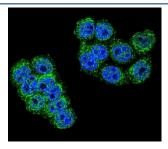
Catalog No.	Formulation	Size
F54584-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54584-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

## **Bulk quote request**

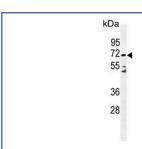
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9NY33
Localization	Cytoplasmic
Applications	Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells) Western Blot : 1:500-1:2000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



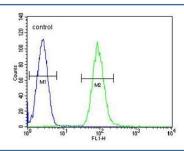
IHC testing of FFPE human uterus tissue with Dipeptidyl peptidase 3 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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



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 -20oC or colder. Avoid repeated freeze-thaw cycles.