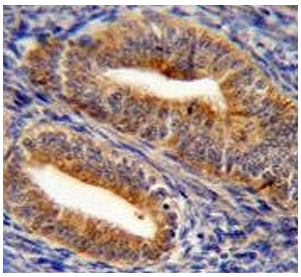
# Dipeptidyl peptidase 3 Antibody / DPP3 (F54584)

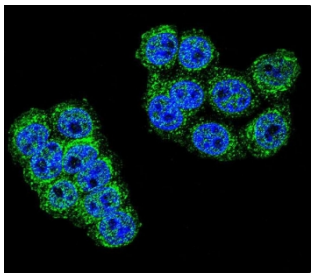
| Catalog No. | Formulation | Size |
|---|---|---|
| F54584-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54584-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

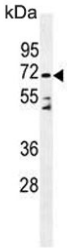
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity purified |
| **UniProt** | Q9NY33 |
| **Localization**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



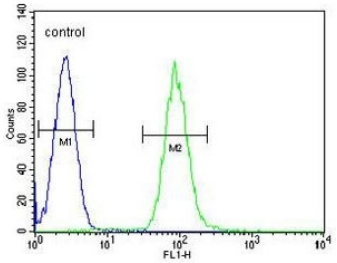
IHC testing of FFPE human uterus tissue with Dipeptidyl peptidase 3 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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.

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