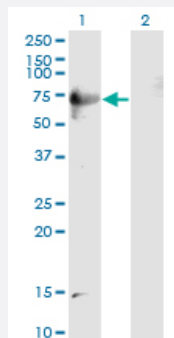


# DPP3 monoclonal antibody (M07), clone 3C6

Catalog # H00010072-M07

Size 100 ug

## Applications

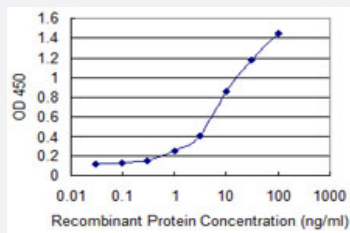


### Western Blot (Transfected lysate)

Western Blot analysis of DPP3 expression in transfected 293T cell line by DPP3 monoclonal antibody (M07), clone 3C6.

Lane 1: DPP3 transfected lysate (Predicted MW: 82.6 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DPP3 is 0.1 ng/ml as a capture antibody.

## Specification

### Product Description

Mouse monoclonal antibody raised against a full-length recombinant DPP3.

### Immunogen

DPP3 (AAH01446, 1 a.a. ~ 737 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sequence</b>                      | MADTQYILPNDIGVSSLDCREAFRLSPTERLYAYHLSRAAWYGGGLAVLLQTSPEAPYYALLSRLF<br>RAQDPDQLHQHALAEGLTEEEYQAFLVYAAGVYSNMGNYSFGDTKFPNLPKEKLERVILGSEA<br>AQQHPPEEVRGLWQTCGELMFSLEPRLRHLGLGKEGITYFSGNCTMEDAKLAQDFLDSQNLSAY<br>NTRLFKVDGEGKPYEVRASVLGSEPSLDSEVTSKLKSYEFRGSPFQVTRGDYAPILQKVVEQ<br>LEKAKAYAANSHQGQMLAQIESFTQGSIEAHKRGRSFWIQDKGPIVESYIGFIESYRDPFGSRGEF<br>EGFVAVVNKAMSAKFERLVASAEQLLKELPWPPTEFKDKFLTPDFTSLDVLTFAGSGIPAGINIPN<br>YDDL RQTEGFKNVSLGNVLAVAYATQREKLTFL EEDDKDLYLWKGPSFDVQVGLHELLGHGSGK<br>LFVQDEKGAFNFDQETVINPETGEQIQSWYRSGETWDSKFSTIASSYEECRAESVGLYLCLHPQV<br>LEIFGFEGADAEDVIYNWLNMMVRAGLLALEFYTPEAFNWRQAHMQARFVILRVLLEAGEGLVTIT<br>PTTGSDGRPDARVRLDRSKIRSVGKPALERFLRRLQVLKSTGDVAGGRALYEGYATVTDAPPEC<br>FLTLRDTVLLRKESRKLIVQPNTRLEGSDVQLLEYEASAAGLIRSFSEFPEDGPELEEILTQLATA<br>DARFWKGPSEAPSGQA |
| <b>Host</b>                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Interspecies Antigen Sequence</b> | Mouse (92); Rat (93)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Isotype</b>                       | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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[Protocol Download](#)

- ELISA

## Gene Info — DPP3

Entrez GeneID [10072](#)

GeneBank Accession# [BC001446](#)

Protein Accession# [AAH01446](#)

Gene Name DPP3

Gene Alias DPPIII, FLJ11387, FLJ22331

Gene Description dipeptidyl-peptidase 3

Omim ID [606818](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** dipeptidyl aminopeptidase III|dipeptidyl arylamidase III|dipeptidyl peptidase III|dipeptidylpeptidase 3|dipeptidylpeptidase III