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# DPP4 Antibody (monoclonal) (M03)

**Mouse monoclonal antibody raised against a partial recombinant DPP4.**
**Catalog # AT1814a**

## Specification

### DPP4 Antibody (monoclonal) (M03) - Product Information

| | |
|---|---|
| Application | **E** |
| Primary Accession | P27487 |
| Other Accession | BC065265 |
| Reactivity | **Human** |
| Host | **mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG1 Kappa** |
| Calculated MW | **88279** |

### DPP4 Antibody (monoclonal) (M03) - Additional Information

**Gene ID** 1803

**Other Names**
Dipeptidyl peptidase 4, ADABP, Adenosine deaminase complexing protein 2, ADCP-2, Dipeptidyl peptidase IV, DPP IV, T-cell activation antigen CD26, TP103, CD26, Dipeptidyl peptidase 4 membrane form, Dipeptidyl peptidase IV membrane form, Dipeptidyl peptidase 4 soluble form, Dipeptidyl peptidase IV soluble form, DPP4, ADCP2, CD26

**Target/Specificity**
DPP4 (AAH65265, 352 a.a. ~ 451 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Format**
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**
DPP4 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

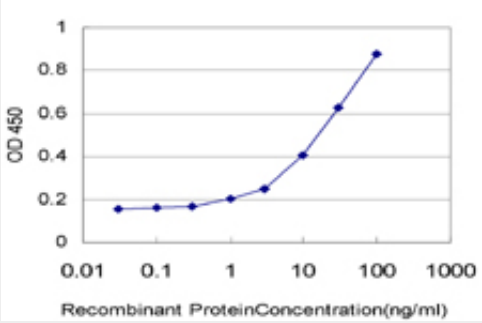
### DPP4 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**DPP4 Antibody (monoclonal) (M03) - Images**




Detection limit for recombinant GST tagged DPP4 is approximately 1ng/ml as a capture antibody.

**DPP4 Antibody (monoclonal) (M03) - Background**

The protein encoded by this gene is identical to adenosine deaminase complexing protein-2, and to the T-cell activation antigen CD26. It is an intrinsic membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides.

**DPP4 Antibody (monoclonal) (M03) - References**

Evaluation of candidate stromal epithelial cross-talk genes identifies association between risk of serous ovarian cancer and TERT, a cancer susceptibility hot-spot. Johnatty SE, et al. PLoS Genet, 2010 Jul 8. PMID 20628624.Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Biomarkers in chronic fatigue syndrome: evaluation of natural killer cell function and dipeptidyl peptidase IV/CD26. Fletcher MA, et al. PLoS One, 2010 May 25. PMID 20520837.Association study of 182 candidate genes in anorexia nervosa. Pinheiro AP, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 Jul. PMID 20468064.Expression and activity profiles of DPP IV/CD26 and NEP/CD10 glycoproteins in the human renal cancer are tumor-type dependent. Varona A, et al. BMC Cancer, 2010 May 11. PMID 20459800.