

## Datasheet for ABIN7638005 **anti-DPP4 antibody**



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### Overview

|              |                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                 |
| Target:      | DPP4                                                                                                   |
| Reactivity:  | Human                                                                                                  |
| Host:        | Mouse                                                                                                  |
| Clonality:   | Monoclonal                                                                                             |
| Conjugate:   | This DPP4 antibody is un-conjugated                                                                    |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

### Product Details

|                   |                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Monoclonal Antibody to Cluster Of Differentiation 26 (CD26)                                                                                                                   |
| Immunogen:        | RPA884Hu01Recombinant Cluster Of Differentiation 26 (CD26)                                                                                                                    |
| Clone:            | C3                                                                                                                                                                            |
| Specificity:      | The antibody is a mouse monoclonal antibody raised against CD26. It has been selected for its ability to recognize CD26 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat                                                                                                                                                                           |
| Purification:     | Protein A + Protein G affinity chromatography                                                                                                                                 |

### Target Details

|         |      |
|---------|------|
| Target: | DPP4 |
|---------|------|

## Target Details

|                   |                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | CD26 ( <a href="#">DPP4 Products</a> )                                                                                                                 |
| Background:       | CD26, ADA, DPPIV, DPP-IV, DPP4, ADABP, ADCP2, TP103, Adenosine Deaminase Complexing Protein 2, T-cell activation antigen CD26, Dipeptidyl Peptidase IV |
| UniProt:          | <a href="#">P27487</a>                                                                                                                                 |
| Pathways:         | <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a>                                                 |

## Application Details

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                         |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 1 mg/mL                                                                                                                                                         |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin                                                                                                                                                         |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |