Datasheet for ABIN7647093

# anti-TJP1 antibody

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | TJP1 |
| Reactivity: | Rat |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This TJP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

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| Purpose: | Monoclonal Antibody to Tight Junction Protein 1 (TJP1) |
| Specificity: | The antibody is a mouse monoclonal antibody raised against TJP1. It has been selected for its ability to recognize TJP1 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

## Target Details

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|---|---|
| Target: | TJP1 |
| Alternative Name: | TJP1 (TJP1 Products) |
| Background: | ZO1, Zona Occludens 1, Zona occludens protein 1, Zonula occludens protein 1 |
| UniProt: | F1M4A0 |

## Target Details

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| Pathways: | Carbohydrate Homeostasis, Cell-Cell Junction Organization |

## Application Details

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| Application Notes: | Western blotting: 0.2-2 µg/mL,1:500-5000 Immunohistochemistry: 5-20 µg/mL,1:50-200 Immunocytochemistry: 5-20 µg/mL,1:50-200 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

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: 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. |