

## PRODUCT DATA SHEET

### TRAP 5 Human, Mouse Monoclonal Antibody, Clone: TRAP-01

**Cat. No.:** RD182025110-01

**Size:** 0.1 mg

**Source of Antigen:** Sf 9 cells

**Type:** Monoclonal Antibody

**Host:** Mouse

**Isotype:** IgG1

**Other Names:**

TRACP 5, Tartrate Resistant Acid Phosphatase 5

**Preparation:**

The antibody is a mouse monoclonal antibody against Human TRAP 5. The human TRAP 5 is isolated from Sf 9 cells (which expressed rTRAP).

**Purification Method:**

Affinity chromatography on a column with immobilized protein G.

**Species Reactivity:**

Human. Not yet tested in other species.

**Antibody Content:**

0.1 mg (determined by BCA method, BSA was used as a standard)

**Formulation:**

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. **\*\*AZIDE FREE\*\***.

**Reconstitution:**

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

**Shipping:**

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

**Storage/Stability:**

The lyophilized antibody remains stable and fully active until the expiry date when stored at  $-20^{\circ}\text{C}$ . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at  $-80^{\circ}\text{C}$ . Reconstituted antibody can be stored at  $4^{\circ}\text{C}$  for a limited period of time; it does not show decline in activity after one week at  $4^{\circ}\text{C}$ .

**Quality Control:**

SDS PAGE - to determine purity of the antibody

BCA - to determine quantity of the antibody

**Applications:**

Enzyme Immunoassay

**Note:**

This product is for research use only.