

TRAP (AB1452) mouse mAb

V0469

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 37 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:50-1:200

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality

Monoclonal

Clone Number

AB1452

Immunogen

A synthetic peptide corresponding to the amino acid region 250 - 325 of the human TRAP protein.

Specificity

The antibody can specifically recognize human TRAP protein.

Purification

Affinity purification Protein A

Concentration

Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name

ACP5

Protein Name

TRAP

Database Link

Organism

Human

Swiss Prot.

P13686

Gene ID

54

Background

TRAP is a basic metal binding protein with high activity against phosphorylated protein, ATP and 4-nitrophosphorylase, which is involved in bone protein dephosphorylation. It is located in cell lysosomes and distributed in human alveolar macrophages, osteoblasts, liver and spleen. It is highly expressed in spleen and monocytes of gauche patients, spleen nuclei and blood leukocytes of human hair cell leukemia and spleen of Hodgkin's patients.