

TRAP (AB1383) mouse mAb

V0467

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 37 kDa (calculated)
- kDa (observed)

Isotype

- IgG2a, 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 AB1383

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	Swiss Prot.	Gene ID
	Human	P13686	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.