

TCL1 (AB1425) mouse mAb

V0463

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 13 kDa (calculated)
- 13 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

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 AB1425

Immunogen A synthetic peptide corresponding to the amino acid region 50 - 114 of the human TCL1 protein.

Specificity The antibody can specifically recognize human TCL1 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 TCL1A

Protein Name TCL1

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P56279	8115

Background TCL1 belongs to the proto oncogene family. It promotes the nuclear translocation of AKT1 by activating the phosphorylation of AKT1, AKT2 and Akt3, so as to promote cell proliferation and survival and stabilize mitochondrial membrane potential. The encoded protein is involved in embryonic development, T cell carcinogenesis, pre lymphocyte carcinogenesis and B cell carcinogenesis.