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TCL1 (AB1425) mouse mAb

W0399

Key Features

Host Species
- Mouse

Reactivity
- Human;

Applications
- IHC; WB; IF; ELISA

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

Isotype
- IgG2b, kappa

Recommended Dilution Ratios

Application	Dilution
IHC; WB; IF; ELISA	IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions	Store at-20℃. 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.