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|--|--------------------------|--------------------------------------|
|  | <h1>TCL1A Mouse mAb</h1> | E<br>2<br>2<br>2<br>1<br>1<br>8<br>0 |
|--|--------------------------|--------------------------------------|

|                           |   |
|---------------------------|---|
| <b>Swiss-Prot No.:</b>    | P56279  |
| <b>Altername:</b>         | TCL1A   |
| <b>Storage/Stability:</b> | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.  |
| <b>Immunogen:</b>         | Purified recombinant fragment of human TCL1A (AA: 10-104) expressed in E. Coli.   |
| <b>Purification:</b>      | Affinity purified   |
| <b>Reactivity:</b>        | Human   |
| <b>Other Names:</b>       | TCL1  |
| <b>Background:</b>        | Overexpression of the TCL1 gene in humans has been implicated in the development of mature T cell leukemia, in which chromosomal rearrangements bring the TCL1 gene in close proximity to the T-cell antigen receptor (TCR)-alpha (MIM 186880) or TCR-beta (MIM 186930) regulatory elements (summarized by Virgilio et al., 1998 [PubMed 9520462]). In normal T cells TCL1 is expressed in CD4-/CD8- cells, but not in cells at later stages of differentiation. TCL1 functions as a coactivator of the cell survival kinase AKT (MIM 164730) (Laine et al., 2000 [PubMed 10983986]). |
| <b>Gene ID:</b>           | 8115  |
| <b>Cellular</b>           | Cytoplasm, Endoplasmic reticulum, Microsome, Nucleus  |

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|                               |   |
|-------------------------------|---|
| <b>localization:</b>          |   |
| <b>Source:</b>                | Mouse   |
| <b>Antibody type:</b>         | Monoclonal antibody   |
| <b>Isotype:</b>               | Mouse IgG1  |
| <b>Molecular Weight:</b>      | 13.5kDa   |
| <b>Preservative:</b>          | Purified antibody in PBS with 0.05% sodium azide.                               |
| <b>Recommended Dilutions:</b> | WB: 1/500 - 1/2000; IHC: N/A; ICC: N/A; FCM: 1/200 - 1/400; Elisa: 1/10000      |
| <b>Clone Number:</b>          | 3A4A9;1E6A1   |
| <b>Form of Antibody:</b>      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. |