

**Product Name: Thymidine Kinase 1 (8E14) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe18898**

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## Summary

|                        |                                                      |
|------------------------|------------------------------------------------------|
| <b>Production Name</b> | Thymidine Kinase 1 (8E14) Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal Antibody                           |
| <b>Host</b>            | Rabbit                                               |
| <b>Application</b>     | WB,ICC/IF,FC                                         |
| <b>Reactivity</b>      | Human                                                |

## Performance

|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                                                                                             |
| <b>Modification</b> | Unmodified                                                                                                                                                               |
| <b>Isotype</b>      | IgG                                                                                                                                                                      |
| <b>Clonality</b>    | Monoclonal                                                                                                                                                               |
| <b>Form</b>         | Liquid                                                                                                                                                                   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.<br>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type |
| <b>Buffer</b>       | preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term.<br>Avoid freeze / thaw cycle.                                                       |
| <b>Purification</b> | Affinity purification                                                                                                                                                    |

## Immunogen

|                          |                                                              |
|--------------------------|--------------------------------------------------------------|
| <b>Gene Name</b>         | TK1                                                          |
| <b>Alternative Names</b> | EC 2.7.1.21; KITH; TK-1; TK1; Thymidine kinase 1; cytosolic; |
| <b>Gene ID</b>           | 7083.0                                                       |
| <b>SwissProt ID</b>      | P04183.                                                      |

## Application

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:1000, ICC/IF 1:100-1:200, FCM 1:200-1:1000 |
| <b>Molecular Weight</b> | 25kDa                                           |

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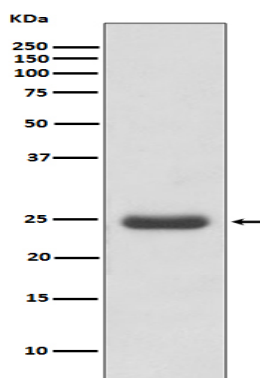


## Background

TK is a cytosolic thymidine kinase. Phosphorylated during mitosis. Its enzymatic activity is high in proliferating cells and peaks during the S-phase of the cell cycle; it is very low in resting cells.

## Research Area

## Image Data



Western blot analysis of Thymidine Kinase 1 expression in Molt-4 cell lysate.

## Note

For research use only.