



Recombinant



Thymidine Kinase 1 (DGR11571) Rabbit mAb (PBS Only)

db15962-PBS Package : 100μg

Product Name: Thymidine Kinase 1 (DGR11571) Rabbit mAb (PBS Only)

Cat.No.: db15962-PBS

Synonyms: TK2

Application: WB, ICC/IF, FC

Reactivity : Human

Host species : Rabbit

Background The protein encoded by this gene is a cytosolic enzyme that catalyzes the addition of a gamma-

phosphate group to thymidine. This creates dTMP and is the first step in the biosynthesis of dTTP, which is one component required for DNA replication. The encoded protein, whose levels fluctuate depending on the cell cycle stage, can act as a low activity dimer or a high activity tetramer. High levels of this protein have been used as a biomarker for diagnosing and categorizing many types of

cancers. [provided by RefSeq, Oct 2016]

Immunogen A synthetic peptide of human Thymidine Kinase 1

Gene ID 7083

Swiss Prot P04183

Synonyms TK2

Reactivity Human

Application WB, ICC/IF, FC

Recommended dilution WB: 1:1000

ICC/IF: 1:100-1:200

FC: 1:200-1:1000

Calculated MW 26 kDa

Observed MW 26 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR11571

Isotype IgG



For Research Use Only **Product Datasheet**

Purity Affinity Purification

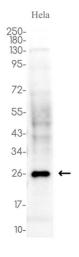
Conjugation Un-conjugated

Concentration 1 mg/ml

Formulation PBS Only

Storage Stability Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA

and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using db15962