

Recombinant

DGRmAb®

Thymidine Kinase 1 (DGR12945) Rabbit mAb (PBS Only)

db11172-PBS

Package : 100µg

Product Name : Thymidine Kinase 1 (DGR12945) Rabbit mAb (PBS Only)**Cat.No.:** db11172-PBS**Synonyms** : TK2**Application** : WB, IHC-P, FC, IP**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, IHC-P, FC, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:100-1:200
FC: 1:100-1:200
IP: 1:20**Calculated MW**

26 kDa

Observed MW

26 kDa

Host species

Rabbit

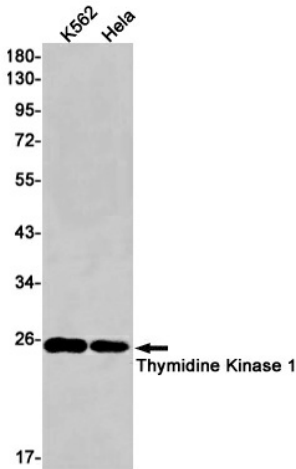
Clonality

Monoclonal

Clonality No.

DGR12945

Isotype	IgG
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 detection of Thymidine Kinase 1 in K562,HeLa cell lysates using [db11172](#)(1:1000 diluted).