

## Product Datasheet

# TK Antibody

Catalog No: CY3083

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF



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### Information

**UniProt ID:** P04183

**All Names:** EC 2.7.1.21, KITH, TK-1, TK1, Thymidine kinase, cytosolic

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 25kDa

### Application

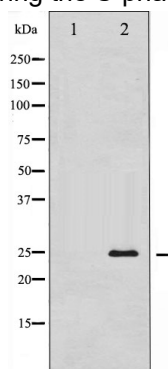
WB 1:500-1:2000

IHC 1:50-1:200

IF/ICC 1:100-1:500

### 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.



Western blot analysis of TK expression in COLO205 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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