

## Anti-TK1 Antibody (2F765)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2F765
Purification:	Affinity-chromatography

### Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none"><li>-Positive WB detected in: 293T whole cell lysate, JK whole cell lysate, MCF7 whole cell lysate, A549 whole cell lysate, PC-3 whole cell lysate, K562 whole cell lysate</li><li>-All lanes: Thymidine Kinase 1 antibody at 1:1000</li><li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li><li>-Predicted band size: 26 kDa</li><li>-Observed band size: 26 kDa</li></ul> <p>2. Immunofluorescence staining of Hela with TMAH-01177 at 1:40, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 491-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).</p> <p>3. Overlay Peak curve showing Hela cells stained with TMAH-01177 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*10<sup>6</sup> cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1µg/1*10<sup>6</sup> cells) used under the same conditions. Acquisition of &gt;10,000 events was performed.</p>
Application:	ELISA, WB, IF, FCM
Recommended	WB:1:500-1:2000; IF:1:50-1:200; FCM:1:50-1:200.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

**Antigen Details**

Immunogen: A synthetic peptide: Human TK1  
Antigen Species: Human  
Gene ID: 7083  
Uniprot ID: P04183  
Synonyms: Thymidine kinase;cytosolic;TK1  
Biology Area: Epigenetics and Nuclear Signaling

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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