

## Anti-TKFC antibody

<b>Cat. No.</b>	ml124729
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-TKFC rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human TKFC
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.66 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	TKFC
<b>Full name</b>	triokinase and FMN cyclase
<b>Synonyms</b>	DAK; NET45
<b>Swissprot</b>	Q3LXA3

### Target Background

This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several alternatively spliced transcript variants have been identified, but the full-length nature of only one has been determined.

订购热线: 4008-898-798

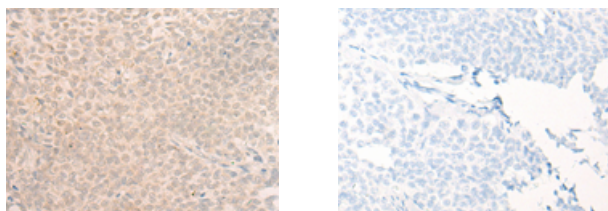
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human ovarian cancer

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml124729(TKFC Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 59 kDa

Positive control: HepG2 and A549 cell lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

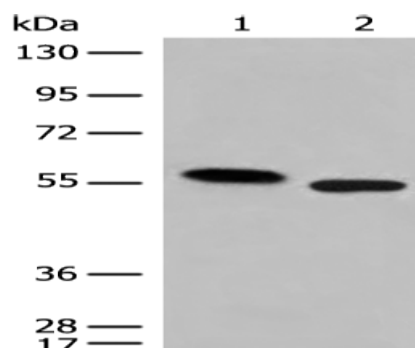
Lysate: 40  $\mu$ g

Lane 1-2: HepG2 and A549 cell lysates

Primary antibody: ml124729(TKFC Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



### ELISA

Recommended dilution: 5000-10000

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