

For Research Use Only

# TKTL2 Recombinant antibody, PBS Only

Catalog Number: 85612-3-PBS



## Basic Information

### Catalog Number:

85612-3-PBS

### Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10884

### GenBank Accession Number:

BC028707

### GeneID (NCBI):

84076

### UNIPROT ID:

Q9H0I9

### Full Name:

transketolase-like 2

### Calculated MW:

626 aa, 68 kDa

### Observed MW:

68 kDa

### Purification Method:

Protein A purification

### CloneNo.:

243042B11

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human, mouse, rat

## Background Information

Transketolase-like 2 (TKTL2) plays an essential role in total transketolase activity and cell proliferation in cancer cells. TKTL2 is predicted to enable thiamine pyrophosphate binding activity and transketolase activity.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

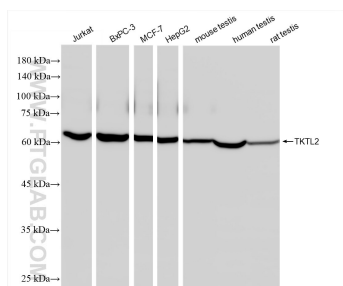
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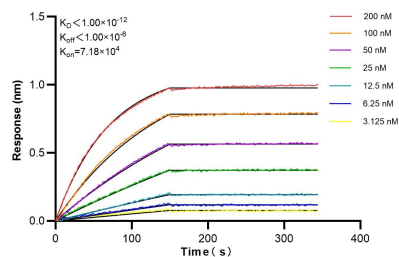
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85612-3-RR (TKTL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85612-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85612-3-RR against Human TKT2 were performed. The affinity constant is below 1 pM.