

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Transketolase



Numéro de catalogue: 66016-1-Ig **1 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 66016-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC009970	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 2100 µg/ml by Nanodrop and 1007 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 7086	<b>CloneNo.:</b> 3E2F3
<b>Hôte:</b> Mouse	<b>Nom complet:</b> transketolase	<b>Dilutions recommandées:</b> WB 1:2000-1:10000 IF 1:20-1:200
<b>Isotype:</b> IgG2b	<b>MW calculé:</b> 68 kDa	
<b>Immunogen Catalog Number:</b> AG16779	<b>MW observés:</b> 68 kDa	

## Applications

<b>Applications testées:</b> FC, IF, WB, ELISA	<b>Contrôles positifs:</b>
<b>Demands citées:</b> WB	<b>WB :</b> cellules HeLa, cellules HEK-293, cellules HepG2, cellules Jurkat, tissu cérébral humain, tissu hépatique humain
<b>Spécificité de l'espèce:</b> Humain	<b>IF :</b> cellules HepG2,
<b>Espèces citées:</b> Humain	

## Informations générales

Transketolase is a key pentose phosphate shunt enzyme that plays an important role in the production of reducing equivalents and pentose sugars. Decreased activity of transketolase has been found in patients with Alzheimer's disease and thiamine deficiency. In addition, as an important biocatalyst in stereo-specific carbon-carbon bond synthesis, transketolase has been widely used in industry to produce aromatic products.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yimin Sun	36366731	Cancer Med	WB

## Stockage

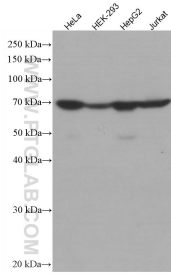
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

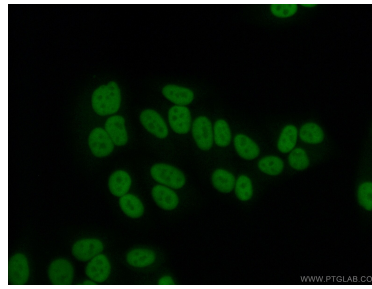
For technical support and original validation data for this product please contact:  
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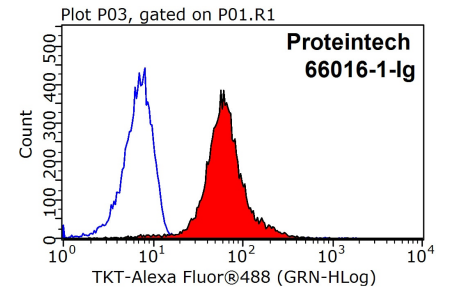
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66016-1-Ig (Transketolase antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde ) fixed HepG2 cells using 66016-1-Ig(Transketolase antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug Transketolase antibody (66016-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.