

For Research Use Only

# CoraLite®594-conjugated Transketolase Monoclonal antibody

Catalog Number:CL594-66016



## Basic Information

Catalog Number: CL594-66016	GenBank Accession Number: BC009970	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7086	CloneNo.: 3E2F3
Source: Mouse	Full Name: transketolase	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 68 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG16779		

## Applications

Tested Applications: IF	Positive Controls: IF : HepG2 cells,
Species Specificity: human	

## Background Information

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.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

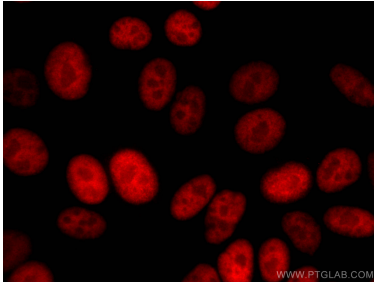
\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594-conjugated Transketolase antibody (CL594-66016, Clone: 3E2F3 ) at dilution of 1:100.