



# TKT Monoclonal Antibody

Catalog No	BYmab-07657
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	TKT
Protein Name	Transketolase (TK) (EC 2.2.1.1)
Immunogen	Synthesized peptide derived from part region of human protein AA range: 125-175
Specificity	TKT Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	68kD
Cell Pathway	nucleus,nucleoplasm,peroxisome,cytosol,vesicle,myelin sheath,extracellular exosome,
Tissue Specificity	Brain,Epithelium,Human uterus,Kidney,Liver,Lymph,Platelet,Thymus,
Function	catalytic activity:Sedoheptulose 7-phosphate + D-glyceraldehyde 3-phosphate = D-ribose 5-phosphate + D-xylulose 5-phosphate.,cofactor:Binds 1 calcium ion per subunit.,cofactor:Binds 1 thiamine pyrophosphate per subunit.,disease:Has been implicated in the latent genetic disease Wernicke-Korsakoff syndrome (WKS) [MIM:277730]. WKS causes specific brain damage.,online information:Transketolase entry,similarity:Belongs to the transketolase family.,subunit:Homodimer.,
Background	This gene encodes a thiamine-dependent enzyme which plays a role in the channeling of excess sugar phosphates to glycolysis in the pentose phosphate pathway. Alternatively spliced transcript variants encoding multiple isoforms have

Nanjing BYabscience technology Co.,Ltd



been observed for this gene. [provided by RefSeq, Apr 2012],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

Nanjing BYabscience technology Co.,Ltd

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658