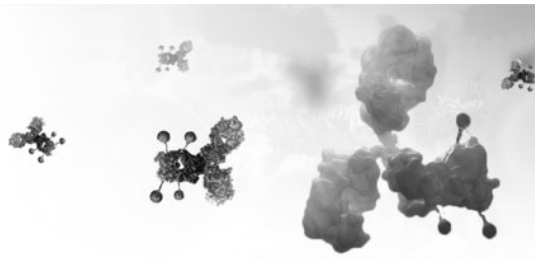

Anti-TKT monoclonal antibody, clone 6I4 (DCABH-658)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Transketolase
Antigen Description	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. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Immunogen	Recombinant full length human Transketolase produced in HEK293T cells (NP_001055)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	6I4
Purity	Protein G purified
Purification	This antibody was purified from mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt, ICC/IF
Positive Control	HEK293T cells transfected with the pCMV6-ENTRY Transketolase, COS7 cells transiently transfected by pCMV6-ENTRY Transketolase, Hela cells, Jurkat cells.
Format	Liquid
Size	100 µl

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Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	TKT transketolase [Homo sapiens]
Official Symbol	TKT
Synonyms	TKT; transketolase; Wernicke Korsakoff syndrome; TK; TKT1; FLJ34765;
Entrez Gene ID	7086
Protein Refseq	NP_001055
UniProt ID	P29401
Chromosome Location	3p14.3
Pathway	Insulin effects increased synthesis of Xylulose-5-Phosphate, organism-specific biosystem; Integration of energy metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem; Pentose Phosphate Pathway, organism-specific biosystem; Pentose phosphate pathway, organism-specific biosystem;
Function	magnesium ion binding; monosaccharide binding; thiamine pyrophosphate binding; transferase activity; transketolase activity;

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