

Mouse TKT Monoclonal Antibody | anti-TKT antibody

TKT antibody

CATALOG # AAA107175	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

TKT; Monoclonal Antibody; TKT antibody; Monoclonal TKT; Anti-TKT; Transketolase; Wernicke-Korsakoff Syndrome; FLJ34765; TKT1; anti-TKT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5H3
Purity/Purification	TKT antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	623
Applicable Applications for anti-TKT antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	TKT belongs to the transketolase family. TKT has been implicated in the latent genetic disease Wernicke-Korsakoff syndrome (WKS), which causes specific brain damage.
Cross-Reactivity	Human
Immunogen	TKT antibody was raised in mouse using a full length recombinant protein of human TKT (NP_001055) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



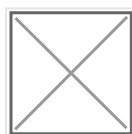
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant TKT protein using TKT antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TKT protein (Right) or empty vector (Left) detected with TKT antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HeLa cells using TKT antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-TKT antibody	Mouse monoclonal TKT antibody
Product Categories/Family for anti-TKT antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507521
NCBI GeneID	7086
NCBI Accession #	NP_001055
NCBI GenBank Nucleotide #	NM_001064.3
UniProt Accession #	P29401; Q8TBA3; Q96HH3; A8K089; B4DE31; E7EPA7
Molecular Weight	68,814 Da
NCBI Official Full Name	transketolase isoform 1
NCBI Official Synonym Full Names	transketolase
NCBI Official Symbol	TKT
NCBI Official Synonym Symbols	TK; TKT1; HEL107
NCBI Protein Information	transketolase
UniProt Protein Name	Transketolase
UniProt Gene Name	TKT
UniProt Synonym Gene Names	TK
UniProt Entry Name	TKT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/tkt-antibody-clone-5h3-western-blot-immunofluorescence-flow-cytometry-elisa/107175>