

# TKTL1 Antibody (monoclonal) (M01)

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AT4250a

## Product Information

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<b>Primary Accession</b>	<a href="#">P51854</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	1C10
<b>Calculated MW</b>	65333

## Additional Information

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<b>Gene ID</b>	8277
<b>Other Names</b>	Transketolase-like protein 1, Transketolase 2, TK 2, Transketolase-related protein, TKTL1, TKR, TKT2
<b>Target/Specificity</b>	TKTL1 (AAH25382, 1 a.a. ~ 597 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	TKTL1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## References

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Expression of transketolase-like 1 protein (TKTL1) in human endometrial cancer. Krockenberger M, et al. Anticancer Res, 2010 May. PMID 20592357. TKTL1 is activated by promoter hypomethylation and contributes to head and neck squamous cell carcinoma carcinogenesis through increased aerobic glycolysis and HIF1alpha stabilization. Sun W, et al. Clin Cancer Res, 2010 Feb 1. PMID 20103683. Glycolytic phenotype in breast cancer: activation of Akt, up-regulation of GLUT1, TKTL1 and down-regulation of M2PK. Schmidt M, et al. J Cancer Res Clin Oncol, 2010 Feb. PMID 19655166. Common variants in the SLCO1B3 locus are associated with bilirubin levels and unconjugated hyperbilirubinemia. Sanna S, et al. Hum Mol Genet, 2009 Jul 15. PMID 19419973. Overexpression of transketolase-like gene 1 is associated with cell proliferation in uterine cervix cancer. Chen H, et al. J Exp Clin Cancer Res, 2009 Mar 30. PMID 19331662.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.