10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TKTL1 Antibody (monoclonal) (M01)

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AT4250a

Product Information

Primary Accession	P51854
Reactivity	Human
Host	mouse
Isotype	IgG1 Kappa
Clone Names	1C10
Calculated MW	65333

Additional Information

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

References

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'.