

TKTL1 monoclonal antibody (M01), clone 1C10
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AT4250a

Specification

TKTL1 monoclonal antibody (M01), clone 1C10 - Product Information

Application	WB
Primary Accession	P51854
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	65333

TKTL1 monoclonal antibody (M01), clone 1C10 - 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. ~ 596 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 monoclonal antibody (M01), clone 1C10 is for research use only and not for use in diagnostic or therapeutic procedures.

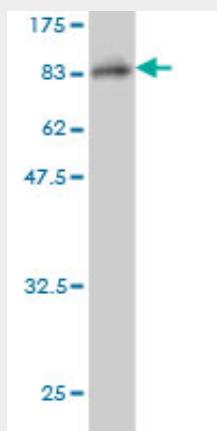
TKTL1 monoclonal antibody (M01), clone 1C10 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

TKTL1 monoclonal antibody (M01), clone 1C10 - Images



Western Blot detection against Immunogen (91.3 KDa) .

TKTL1 monoclonal antibody (M01), clone 1C10 - 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.