

TLK2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant TLK2.****Catalog # AT4251a****Specification**

TLK2 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, IF
Primary Accession	Q86UE8
Other Accession	BC044925
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	87661

TLK2 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 11011**Other Names**

Serine/threonine-protein kinase tousled-like 2, HsHPK, PKU-alpha, Tousled-like kinase 2, TLK2

Target/Specificity

TLK2 (AAH44925, 1 a.a. ~ 126 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

IF~~1:50~200

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

TLK2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

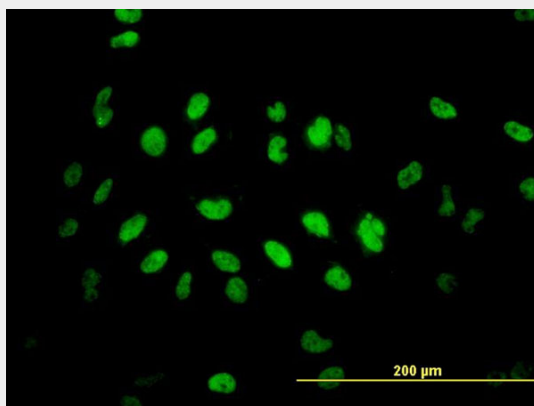
TLK2 Antibody (monoclonal) (M01) - Protocols

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

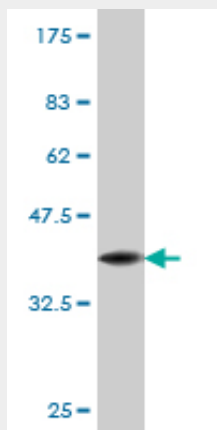
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

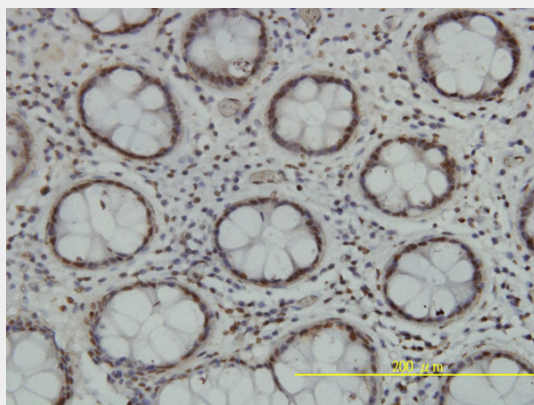
TLK2 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to TLK2 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.27 KDa) .



Immunoperoxidase of monoclonal antibody to TLK2 on formalin-fixed paraffin-embedded human

colon tissue. [antibody concentration 5 ug/ml]

TLK2 Antibody (monoclonal) (M01) - Background

The Tousled-like kinases, first described in Arabidopsis, are nuclear serine/threonine kinases that are potentially involved in the regulation of chromatin assembly.

TLK2 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Association of mitotic regulation pathway polymorphisms with pancreatic cancer risk and outcome. Couch FJ, et al. Cancer Epidemiol Biomarkers Prev, 2010 Jan. PMID 20056645. Phosphorylation-mediated control of histone chaperone ASF1 levels by Tousled-like kinases. Pilyugin M, et al. PLoS One, 2009 Dec 16. PMID 20016786. Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931. FEZ1 dimerization and interaction with transcription regulatory proteins involves its coiled-coil region. Assmann EM, et al. J Biol Chem, 2006 Apr 14. PMID 16484223.