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

# TLK2 Antibody (monoclonal) (M01)

**Mouse monoclonal antibody raised against a partial recombinant TLK2.**
**Catalog # AT4251a**

## Specification

### TLK2 Antibody (monoclonal) (M01) - Product Information

| | |
|---|---|
| Application | **IF, WB, IHC** |
| 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

**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

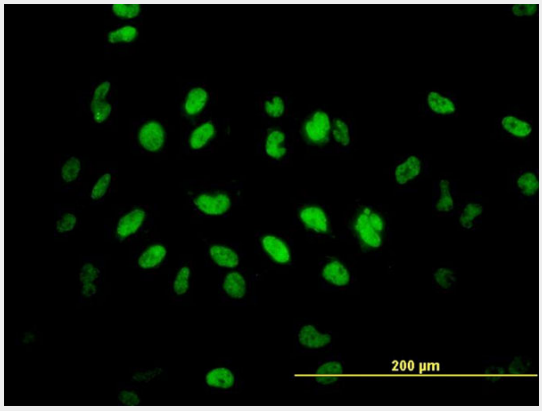
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

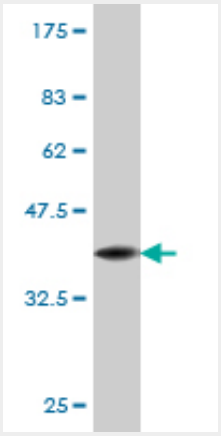
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

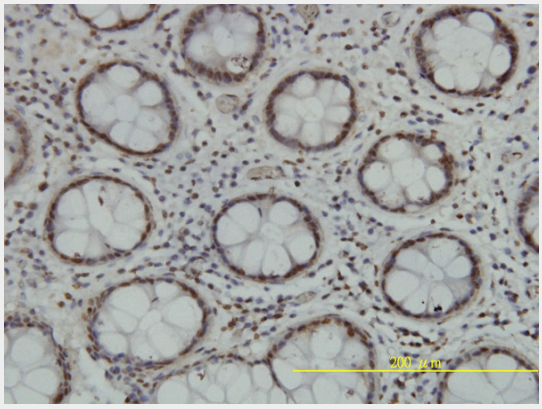
**TLK2 Antibody (monoclonal) (M01) - Images**




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.