## **Product Datasheet**

### TLK1 Antibody (4B3) - Azide and BSA Free H00009874-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 2/21/2025 v.20.1

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#### H00009874-M01

TLK1 Antibody (4B3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B3
Preservative	No Preservative
Isotype	IgG3 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	9874
Gene Symbol	TLK1
Species	Human
Specificity/Sensitivity	TLK1 - tousled-like kinase 1
Immunogen	TLK1 (AAH32657, 111 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. TPEKKQSESSRGRKRKAENQNESSQGKSIGGRGHKISDYFEYQGGNGSSPVR GIPPAIRSPQNSHSHSTPSSSVRPNSPSPTALAFGDHPIVQPKQLSFKIIQTDLT MLKLAALESNKIQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry- Paraffin
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

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Images Western Blot: TLK1 Antibody (4B3) [H00009874-M01] - TLK1 250 monoclonal antibody (M01), clone 4B3 Analysis of TLK1 expression in 150-Hela S3 NE. 100-75 -50 -37 -25-Immunohistochemistry-Paraffin: TLK1 Antibody (4B3) [H00009874-M01] - Analysis of monoclonal antibody to TLK1 on formalin-fixed paraffinembedded human testis. Antibody concentration 1 ug/ml. ELISA: TLK1 Antibody (4B3) [H00009874-M01] - Detection limit for  $1.8 \\ 1.6 \\ 1.2 \\ 1.0 \\ 0.6 \\ 0.0$ recombinant GST tagged TLK1 is 0.03 ng/ml as a capture antibody. OD 450

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0.01 0.1

10

1 Recombinant Protein Concentration (ng/ml)

100 1000



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#### Products Related to H00009874-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
NBP1-83035PEP	TLK1 Recombinant Protein Antigen

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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