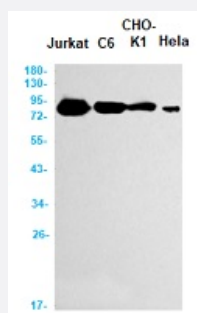


RecomAb™

TBK1 recombinant monoclonal antibody, clone R05-2H7

Catalog # RAB01658 Size 100 uL

Applications



Western Blot

Western blot analysis of NAK/TBK1 in Jurkat, C6, CHO-K1, HeLa lysates using human TBK1 recombinant monoclonal antibody, clone R05-2H7 (Cat # RAB01658).

Specification

| | |
|-----------------------------|--|
| Product Description | Rabbit recombinant monoclonal antibody raised against human TBK1. |
| Antibody Species | Rabbit |
| Immunogen | Original antibody is raised against recombinant protein corresponding to human TBK1 |
| Theoretical MW (kDa) | Calculated MW: 84 kD |
| Reactivity | Human |
| Form | Liquid |
| Purification | Affinity purification |
| Isotype | IgG |
| Recommend Usage | Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA) |

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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Gene Info — TBK1

Entrez GeneID [29110](#)

Protein Accession# [Q9UHD2](#)

Gene Name TBK1

Gene Alias FLJ11330, NAK, T2K

Gene Description TANK-binding kinase 1

Omim ID [604834](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inactivate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFKB complex. The protein encoded by this gene is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. For example, the protein can form a complex with the IKB protein TANK and TRAF2 and release the NFKB inhibition caused by TANK. [provided by RefSeq]

Other Designations NF-kB-activating kinase

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Hepatitis C](#)