

TBK1 Monoclonal Antibody (108A429)

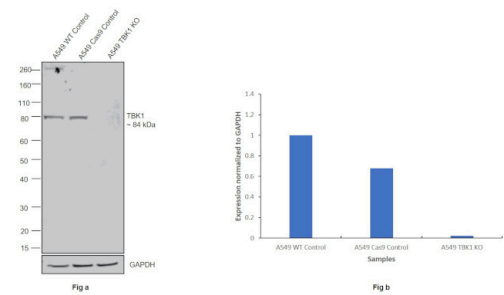
Product Details	
Size	50 µg
Species Reactivity	Bovine, Dog, Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	108A429
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to amino acids 563-577 (YYQFKKDKAERRLAYC) of human TBK1 was used as immunogen for this antibody (NP_037386)
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_559588

Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	1:20-1:1,000	-
Immunocytochemistry (ICC/IF)	1:20	-

Product Specific Information

MA1-20344 detects NAK in human samples.

Product Images For TBK1 Monoclonal Antibody (108A429)

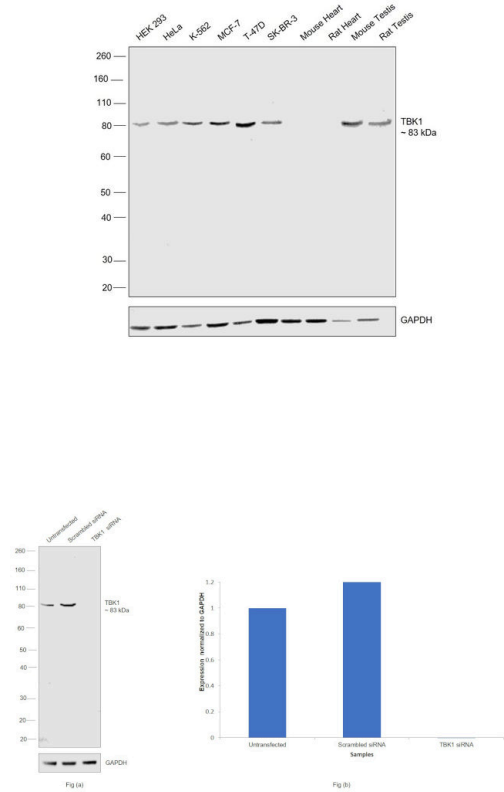


TBK1 Antibody (MA1-20344)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in TBK1 KO cell line compared to control cell line using TBK1 Monoclonal Antibody (108A429) (Product # MA1-20344). {KO}

TBK1 Antibody (MA1-20344) in WB

Western blot was performed using Anti-TBK1 Monoclonal Antibody (108A429) (Product # MA1-20344) and a 83 kDa band corresponding to TBK1 was observed across cell lines and tissues tested. Whole cell extracts (30 µg lysate) of HEK-293 (Lane 1), HeLa (Lane 2), K-562 (Lane 3), MCF7 (Lane 4), T-47D (Lane 5) and SK-BR-3 (Lane 6), tissue extracts of Mouse Heart (Lane 8), Rat Heart (Lane 7), Mouse Testis (Lane 9) and Rat Testis (Lane 10) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23002) by iBlot® 2 Dry Blotting System (Product # IB21001) and then blocked with Pierce™ Protein-Free T20 (PBS) Blocking Buffer (Product # 37573). The blot was probed with the primary antibody (1 µg/mL) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:20000 dilution) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



TBK1 Antibody (MA1-20344)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK-293 cells were transfected with TBK1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-TBK1 Monoclonal Antibody (108A429) (Product # MA1-20344). {KD}

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