

Product Datasheet

ITPKB Antibody (2F8) - Azide and BSA Free H00003707-M01

Unit Size: 0.1 mg

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

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H00003707-M01

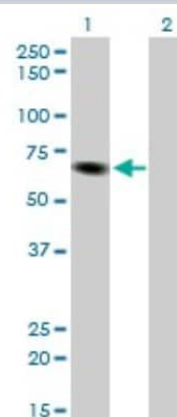
ITPKB Antibody (2F8) - Azide and BSA Free

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	2F8
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3707
Gene Symbol	ITPKB
Species	Human
Specificity/Sensitivity	ITPKB - inositol 1,4,5-trisphosphate 3-kinase B
Immunogen	ITPKB (NP_002212, 545 a.a. ~ 643 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PELLPQDQDKPFLRKACSPSNIPAVIITDMGTQEDGALEETQGSPRGNLPLRKL SSSSASSTGFSSSYEDSEEDISSDPERTLDPNSAFLHTLDQQKPR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

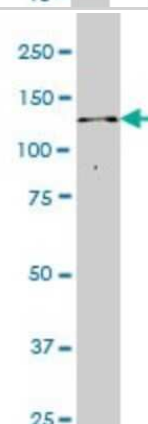


Images

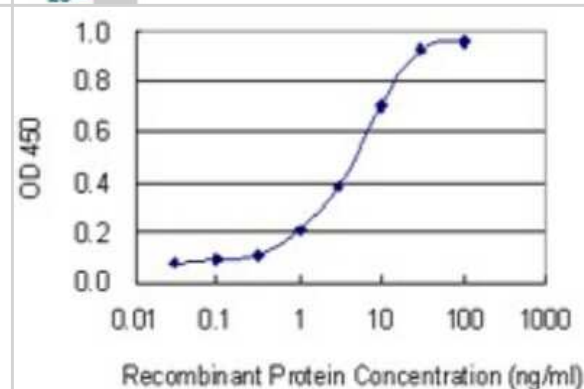
Western Blot: ITPKB Antibody (2F8) [H00003707-M01] - Analysis of ITPKB expression in transfected 293T cell line by ITPKB monoclonal antibody (M01), clone 2F8. Lane 1: ITPKB transfected lysate(67.4 KDa). Lane 2: Non-transfected lysate.



Western Blot: ITPKB Antibody (2F8) [H00003707-M01] - ITPKB monoclonal antibody (M01), clone 2F8 Analysis of ITPKB expression in Jurkat.



Sandwich ELISA: ITPKB Antibody (2F8) [H00003707-M01] - Detection limit for recombinant GST tagged ITPKB is 0.1 ng/ml as a capture antibody.



Publications

Nalaskowski MM, Fliegert R, Ernst O et al. Human inositol-1,4,5-trisphosphate 3-kinase isoform B (IP3KB) is a nucleocytoplasmic shuttling protein specifically enriched at cortical actin filaments and at invaginations of the nuclear envelope. J Biol Chem. 2010-12-09 [PMID: 21148483]

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Products Related to H00003707-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00003707-Q01-10ug	Recombinant Human ITPKB GST (N-Term) Protein

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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