

Mouse anti-Human IP6K2 Monoclonal Antibody | anti-IP6K2 antibody

Anti-Inositol hexakisphosphate kinase 2 (IP6K2) Monoclonal Antibody

CATALOG # AAA47750	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoblot, Western Blot
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PRODUCT SYNONYMS

IP6K2; Monoclonal Antibody; Anti-Inositol hexakisphosphate kinase 2 (IP6K2) Monoclonal Antibody; anti-IP6K2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	4F10
Specificity	IP6K2 This antibody recognizes human IP6K2.
Form/Format	100ug in PBS, pH 7.4, purified by Protein G affinity chromatography
Applicable Applications for anti-IP6K2 antibody	IB (Immunoblot)
Antigen	Full-length recombinant human IP6K2
Preservative	None
Dilution Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Avoid repeated freezing and thawing.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-IP6K2 antibody	Inositol hexakisphosphate kinase 2 (IP6K2) catalyzes the production of diphosphoinositol pentakisphosphate (IP7) and has a role as a proapoptotic gene sensitizing cancer cells to apoptosis by cell stressors and anticancer drugs all of which depend on IP6K2 catalytic activity. IP6K2 is located in the 3p21.31 chromosomal region, which often undergoes allele loss in a variety of human cancers. Some heat shock proteins, especially Hsp90, can be antiapoptotic and the targets of anticancer drugs. Hsp90 binds IP6K2 and inhibits its catalytic activity. Drugs and selective mutations that abolish HSP90-IP6K2 binding elicit activation of IP6K2, leading to cell death. Thus, the prosurvival actions of HSP90 reflect the inhibition of IP6K2, suggesting that selectively blocking this interaction could provide effective and safer modes of chemotherapy.
References	<ul style="list-style-type: none"> Morrison, BH et al. 2002 Oncogene 21:1882-1889.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ip6k2-antibody-clone-4f10-immunoblot-elisa/47750>