

IP6K1 Monoclonal Antibody (GT10611)

Catalog NumberMA5-17268

Product data sheet

Details	
Size	100 µL
Host/Isotope	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	GT10611
Immunogen	Recombinant fragment contains a sequence corresponding to a region within amino acids 50 and 309 of IP6K1
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	no preservative
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Human
Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Western Blot (WB)	1:500-1:3,000

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

**Product specific information**

Recommended positive controls: 293T, A431, HeLa, HepG2, A375. Predicted reactivity: Mouse (97%), Rat (96%), Rhesus Monkey (99%), Bovine (97%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

**Background/Target Information**

This gene encodes a member of the inositol phosphokinase family. The encoded protein may be responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternatively spliced transcript variants have been described.

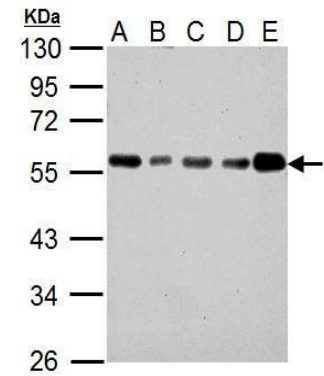
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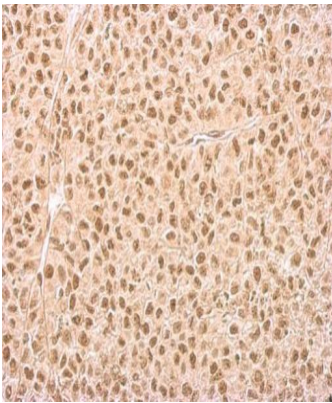
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Product Images For IP6K1 Monoclonal Antibody (GT10611)



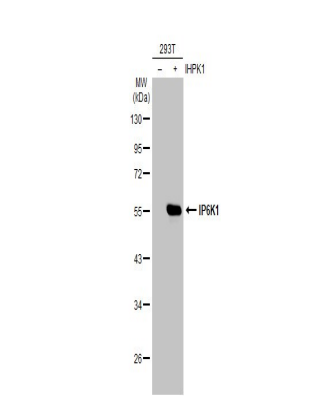
IP6K1 Antibody (MA5-17268) in WB

IP6K1 Monoclonal Antibody (GT10611) detects IHPK1 protein by Western blot analysis. A. 30 µg 293T whole cell lysate/extract. B. 30 µg A431 whole cell lysate/extract. C. 30 µg HeLa whole cell lysate/extract. D. 30 µg HepG2 whole cell lysate/extract. E. 30 µg A375 whole cell lysate/extract. 10 % SDS-PAGE. IP6K1 Monoclonal Antibody (GT10611) (Product # MA5-17268) dilution: 1:1,000.



IP6K1 Antibody (MA5-17268) in IHC (P)

IP6K1 antibody detects IHPK1 protein at nucleus on HeLa xenograft by immunohistochemical analysis. Sample: Paraffin-embedded HeLa xenograft. IP6K1 antibody (Product # MA5-17268) dilution: 1:200. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



IP6K1 Antibody (MA5-17268) in WB

Western Blot using IP6K1 Monoclonal Antibody (GT10611) (Product # MA5-17268). Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with IP6K1 Monoclonal Antibody (GT10611) (Product # MA5-17268) diluted at 1:20,000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.

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