

Product datasheet for **TA808811M**

Inositol Hexakisphosphate Kinase 2 (IP6K2) Mouse Monoclonal Antibody [Clone ID: OTI1F12]

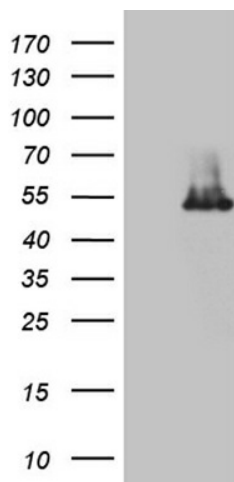
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1F12
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-250 of human IP6K2(NP_057375) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	inositol hexakisphosphate kinase 2
Database Link:	NP_057375 Entrez Gene 59268 Rat Entrez Gene 76500 Mouse Entrez Gene 51447 Human Q9UHH9
Background:	This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely 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 and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Synonyms:	IHPK2; PIUS


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Protein Families: Druggable Genome

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY IP6K2 (Cat# [RC209533], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IP6K2 (1:500) (Cat# [TA808811]). Positive lysates [LY414064] (100ug) and [LC414064] (20ug) can be purchased separately from OriGene.