

## Product datasheet for **CF807257**

### HIPK1 Mouse Monoclonal Antibody [Clone ID: OTI1G5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1G5
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 439-697 of human HIPK1(NP_852003) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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.
Predicted Protein Size:	87.1 kDa
Gene Name:	homeodomain interacting protein kinase 1
Database Link:	<a href="#">NP_852003</a> <a href="#">Entrez Gene 15257 MouseEntrez Gene 365895 RatEntrez Gene 204851 Human Q86Z02</a>



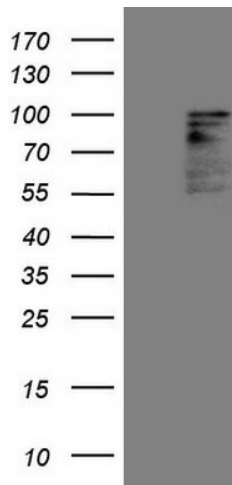
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**Background:** The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms. [provided by RefSeq, Jul 2008]

**Synonyms:** Myak; Nbak2

**Protein Families:** Druggable Genome, Protein Kinase, Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HIPK1 ([RC206176], 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-HIPK1 (1:2000). Positive lysates [LY405750] (100ug) and [LC405750] (20ug) can be purchased separately from OriGene.