

Product datasheet for **TA808785**

MAK Mouse Monoclonal Antibody [Clone ID: OTI5F1]

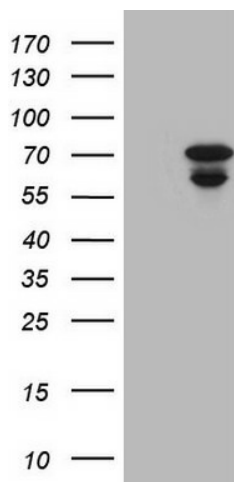
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5F1
Applications:	WB
Recommend Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 291-623 of human MAK(NP_005897) 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 cell culture supernatant by affinity chromatography
Gene Name:	male germ cell associated kinase
Database Link:	NP_005897 Entrez Gene 4117 Human
Background:	The product of this gene is a serine/threonine protein kinase related to kinases involved in cell cycle regulation. It is expressed almost exclusively in the testis, primarily in germ cells. Studies of the mouse and rat homologs have localized the kinase to the chromosomes during meiosis in spermatogenesis, specifically to the synaptonemal complex that exists while homologous chromosomes are paired. There is, however, a study of the mouse homolog that has identified high levels of expression in developing sensory epithelia so its function may be more generalized. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]
Synonyms:	dJ417M14.2; RP62
Protein Families:	Druggable Genome, Protein Kinase



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Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MAK (RC213532, 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-MAK (1:500).