

Product datasheet for **CF808790**

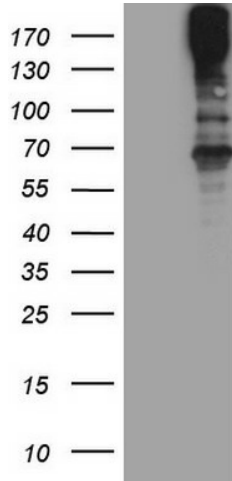
MAST205 (MAST2) Mouse Monoclonal Antibody [Clone ID: OTI3A5]

Product data:

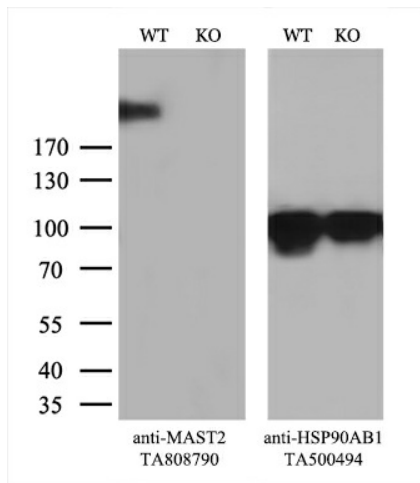
Product Type:	Primary Antibodies
Clone Name:	OTI3A5
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1482-1798 of human MAST2(NP_055927) produced in 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:	196.3 kDa
Gene Name:	microtubule associated serine/threonine kinase 2
Database Link:	NP_055927 Entrez Gene 17776 Mouse Entrez Gene 23139 Human Q6P0Q8
Synonyms:	MAST205; MTSSK
Protein Families:	Druggable Genome, Protein Kinase



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Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MAST2 (Cat# [RC209492], 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-MAST2 (Cat# [TA808790])(1:2000). Positive lysates [LY402408] (100ug) and [LC402408] (20ug) can be purchased separately from OriGene.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and MAST2-Knockout HeLa cells (KO, Cat# [LC830654]) were separated by SDS-PAGE and immunoblotted with anti-MAST2 monoclonal antibody [TA808790] (1:100). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.