# Product datasheet for CF808791

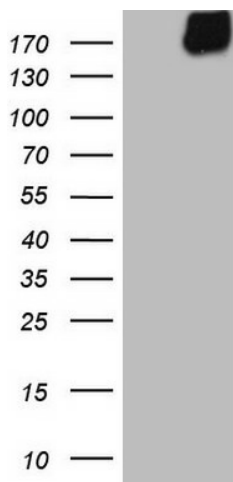## MAST205 (MAST2) Mouse Monoclonal Antibody [Clone ID: OTI1C12]

## Product data:

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|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI1C12 |
| **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 MouseEntrez 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 (Left lane) or pCMV6-ENTRY MAST2 ([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 (1:2000). Positive lysates [LY402408] (100ug) and [LC402408] (20ug) can be purchased separately from OriGene.