

## Product datasheet for **TA700334**

### **MEK1 (MAP2K1) Biotinylated Mouse Monoclonal Detection Antibody (Biotin conjugated) [Clone ID: OTI7B1]**

#### **Product data:**

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Clone Name:           | OTI7B1  |
| Applications:         | ELISA   |
| Recommended Dilution: | ELISA 1:250-1:1000  |
| Reactivity:           | Human, Mouse, Rat   |
| Host:                 | Mouse   |
| Isotype:              | IgG1  |
| Clonality:            | Monoclonal  |
| Immunogen:            | Full length human recombinant protein of human MAP2K1 (NM_002755) produced in HEK293T cell.                             |
| Formulation:          | Stored in PBS (pH 7.4) with 0.05% sodium azide, 10mg/ml BSA, 50% glycerol   |
| Concentration:        | 0.5 mg/ml   |
| Conjugation:          | Biotin  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | mitogen-activated protein kinase kinase 1   |
| Database Link:        | <a href="#">NP_002746</a><br><a href="#">Entrez Gene 26395 MouseEntrez Gene 170851 RatEntrez Gene 5604 Human Q02750</a> |
| Synonyms:             | CFC3; MAPKK1; MEK1; MKK1; PRKMK1  |
| Matched ELISA Pair:   | TA600334, TA600335, TA600336, TA600337  |
| Protein Families:     | Druggable Genome, Protein Kinase  |

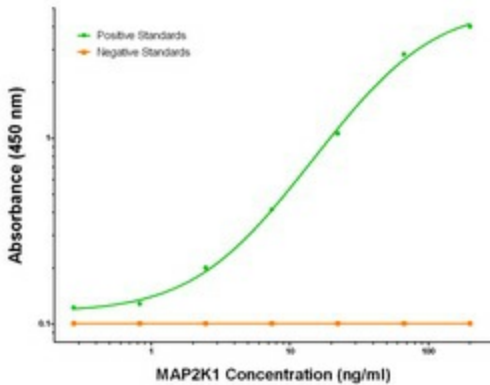


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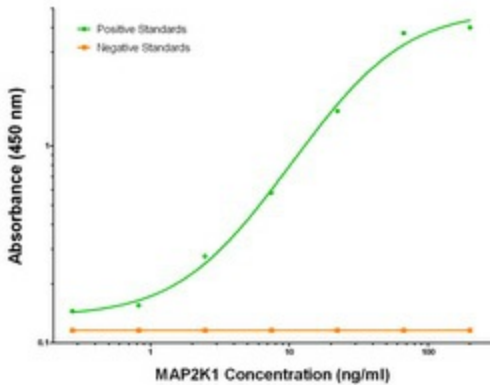
**Protein Pathways:**

Acute myeloid leukemia, B cell receptor signaling pathway, Bladder cancer, Chemokine signaling pathway, Chronic myeloid leukemia, Colorectal cancer, Dorso-ventral axis formation, Endometrial cancer, ErbB signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Gap junction, Glioma, GnRH signaling pathway, Insulin signaling pathway, Long-term depression, Long-term potentiation, MAPK signaling pathway, Melanogenesis, Melanoma, Natural killer cell mediated cytotoxicity, Neurotrophin signaling pathway, Non-small cell lung cancer, Oocyte meiosis, Pancreatic cancer, Pathways in cancer, Prion diseases, Progesterone-mediated oocyte maturation, Prostate cancer, Regulation of actin cytoskeleton, Renal cell carcinoma, T cell receptor signaling pathway, Thyroid cancer, Toll-like receptor signaling pathway, Vascular smooth muscle contraction, VEGF signaling pathway

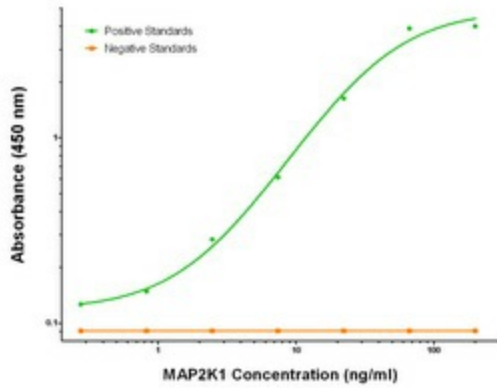
**Product images:**



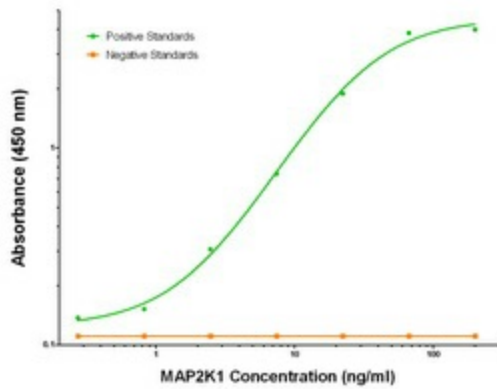
MAP2K1 Elisa with 3E6 Capture ([TA600334]) and 7B1 Detection (TA700334) Antibodies. Substrate used: Recombinant Human MAP2K1 ([TP318460])



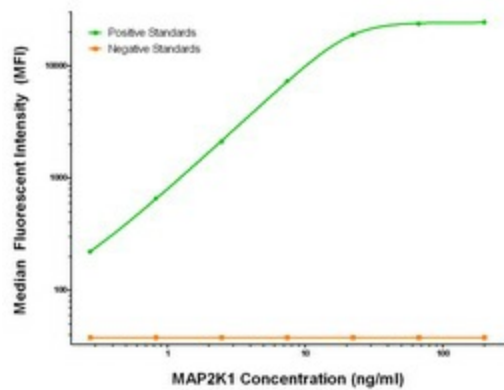
MAP2K1 Elisa with 5A11 Capture ([TA600335]) and 7B1 Detection (TA700334) Antibodies. Substrate used: Recombinant Human MAP2K1 ([TP318460])



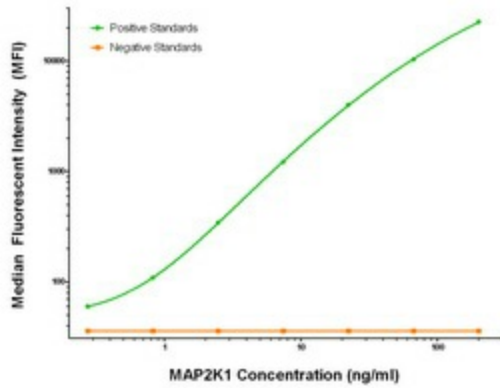
MAP2K1 Elisa with 7E2 Capture ([TA600336]) and 7B1 Detection (TA700334) Antibodies. Substrate used: Recombinant Human MAP2K1 ([TP318460])



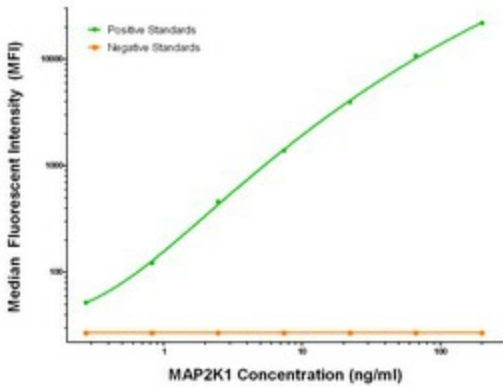
MAP2K1 Elisa with 2B2 Capture ([TA600337]) and 7B1 Detection (TA700334) Antibodies. Substrate used: Recombinant Human MAP2K1 ([TP318460])



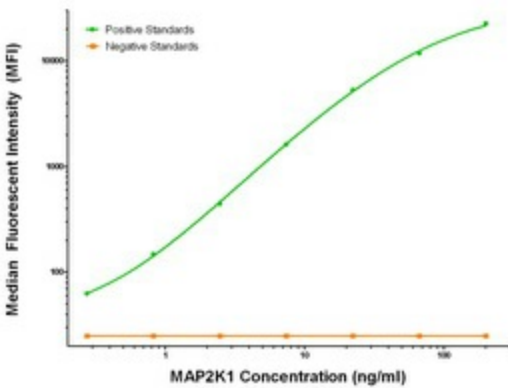
MAP2K1 Luminex Elisa with 2B2 Capture ([TA600337]) and 7B1 Detection (TA700334) Antibodies. Substrate used: Recombinant Human MAP2K1 ([TP318460])



MAP2K1 Luminex Elisa with 3E6 Capture ([TA600334]) and 7B1 Detection (TA700334) Antibodies. Substrate used: Recombinant Human MAP2K1 ([TP318460])



MAP2K1 Luminex Elisa with 5A11 Capture ([TA600335]) and 7B1 Detection (TA700334) Antibodies. Substrate used: Recombinant Human MAP2K1 ([TP318460])



MAP2K1 Luminex Elisa with 7E2 Capture ([TA600336]) and 7B1 Detection (TA700334) Antibodies. Substrate used: Recombinant Human MAP2K1 ([TP318460])