

## **Product datasheet for TA600578**

#### OriGene Technologies, Inc.

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# Tau (MAPT) Rabbit Monoclonal Capture Antibody [Clone ID: OTIR1A10]

### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTIR1A10

**Applications:** ELISA

Recommended Dilution: ELISA 1:10000-1:100000

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Monoclonal

**Immunogen:** Synthetic phosphorylated peptide (the amino acid sequence is considered to be commercially

sensitive) within Human Tau. The exact sequence is proprietary.

**Formulation:** PBS (PH 7.3) containing 0.05% sodium azide.

**Concentration:** 0.5mg/ml

**Purification:** Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

**Conjugation:** Unconjugated

Storage: Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if

necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

**Stability:** Stable for 12 months from date to receipt.

**Predicted Protein Size:** 45.7 kDa

**Gene Name:** microtubule associated protein tau

Database Link: NP 005901

Entrez Gene 4137 Human

P10636





### Tau (MAPT) Rabbit Monoclonal Capture Antibody [Clone ID: OTIR1A10] - TA600578

**Background:** This gene encodes the microtubule-associated protein tau (MAPT) whose transcript

undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of

neuronal maturation and neuron type. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimer's disease, Pick's disease,

frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy.

[provided by RefSeq, Jul 2008]

Synonyms: DDPAC; FTDP-17; MAPTL; MSTD; MTBT1; MTBT2; PPND; PPP1R103; TAU; tau-40

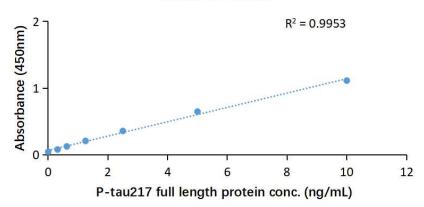
Matched ELISA Pair: TA700576

**Protein Families:** Druggable Genome

**Protein Pathways:** Alzheimer's disease, MAPK signaling pathway

## **Product images:**

### **Standard Curve**



P-tau217 ELISA with 1A10 Capture (TA600578) and 9A5 Detection ([TA700576]) Antibodies. Substrate used: P-tau217 full length protein