

Recombinant

DGRmAb®

## Phospho-Tau (Thr50) (DGR13609) Rabbit mAb

db13981

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-Tau (Thr50) (DGR13609) Rabbit mAb**Cat.No.:** db13981**Synonyms** : TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17; PPP1R103**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human**Host species** : Rabbit**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]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Thr50 of human Tau

**Gene ID**

4137

**Swiss Prot**

P10636

**Synonyms**

TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17; PPP1R103

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:1000  
IHC-P: 1:200-1:500  
ICC/IF: 1:100-1:200

**Calculated MW**

79 kDa

**Observed MW**

50-80 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

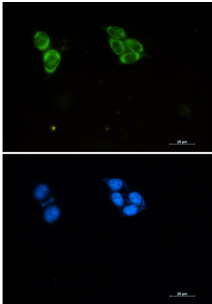
**Clonality No.**

DGR13609

**Isotype**

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescent analysis of HCT116 cells using db13981 antibody (green), and DAPI (blue).