Recombinant DGRmAb®

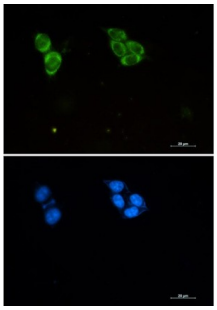
Phospho-Tau (Thr50) (DGR13609) Rabbit mAb

db13981 **Package : 10μL 20μL 50μL 100μL**

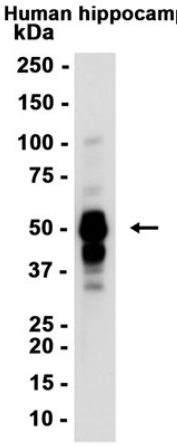
Product Name : Phospho-Tau (Thr50) (DGR13609) Rabbit mAb
Cat.No.: db13981
Synonyms : TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17; PPP1R103
Application : WB, IHC-P, ICC/IF
Reactivity : Human
Host species : Rabbit

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).



Western blot analysis of extracts from Human hippocampus using db13981 at 1:1000.