Recombinant DGRmAb®

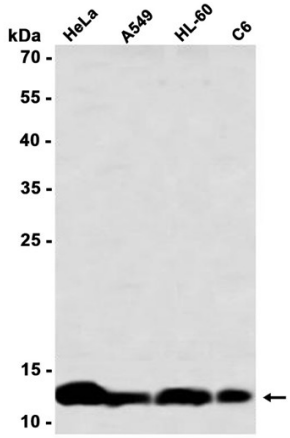
PEN2 (DGR32344) Rabbit mAb

db12942 **Package : 10μL 20μL 50μL 100μL**

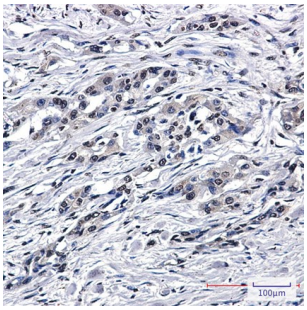
Product Name : PEN2 (DGR32344) Rabbit mAb
Cat.No.: db12942
Synonyms : PEN2; PEN-2; MDS033; ACNINV2; MSTP064
Application : WB, IHC-P, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	Presenilins, which are components of the gamma-secretase protein complex, are required for intramembranous processing of some type I transmembrane proteins, such as the Notch proteins and the beta-amyloid precursor protein. Signaling by Notch receptors mediates a wide range of developmental cell fates. Processing of the beta-amyloid precursor protein generates neurotoxic amyloid beta peptides, the major component of senile plaques associated with Alzheimer's disease. This gene encodes a protein that is required for Notch pathway signaling, and for the activity and accumulation of gamma-secretase. Mutations resulting in haploinsufficiency for this gene cause familial acne inversa-2 (ACNINV2). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Immunogen	A synthetic peptide of human PEN2
Gene ID	55851
Swiss Prot	Q9NZ42
Synonyms	PEN2; PEN-2; MDS033; ACNINV2; MSTP064
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, FC
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100-1:200 FC: 1:100-1:500
Calculated MW	12 kDa
Observed MW	12 kDa
Host species	Rabbit
Clonality	Monoclonal

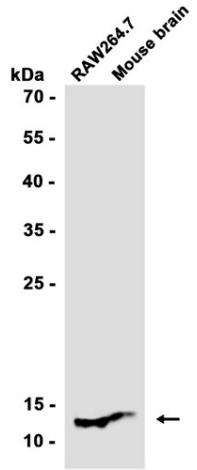
Clonality No.	DGR32344
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, A549, HL-60, C6 cells using db12942 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db12942 antibody.



Western blot analysis of extracts from RAW264.7 cells and Mouse brain tissue using db12942 at 1:1000.