Recombinant DGRmAb®

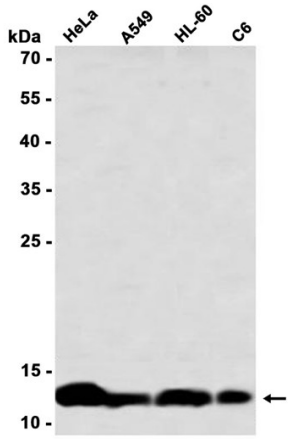
PEN2 (DGR32344) Rabbit mAb (PBS Only)

db12942-PBS **Package : 10μg 100μg**

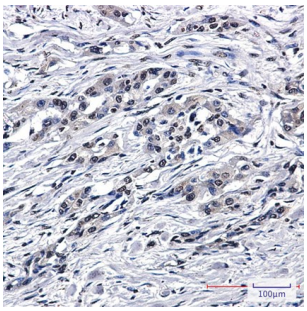
Product Name : PEN2 (DGR32344) Rabbit mAb (PBS Only)
Cat.No.: db12942-PBS
Synonyms : PEN2; PEN-2; MDS033; ACNINV2; MSTP064
Application : WB, IHC-P, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	12 kDa
Observed MW	12 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32344
Isotype	IgG

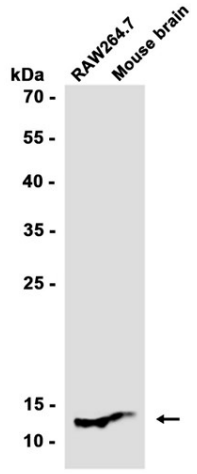
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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.