

Recombinant

DGRmAb®

Acetyl-alpha Tubulin (Lys40) (DGR12213) Rabbit mAb (PBS Only)

db11202-PBS

Package : 100µg

Product Name : Acetyl-alpha Tubulin (Lys40) (DGR12213) Rabbit mAb (PBS Only)**Cat.No.:** db11202-PBS**Synonyms** : ALS22; TUBA1; H2-ALPHA**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]

Immunogen

A synthetic acetylpeptide corresponding to residues surrounding Lys40 of human alpha Tubulin

Gene ID

7277, 22145, 316531

Swiss Prot

P68366, P68368, Q5XIF6

Synonyms

ALS22; TUBA1; H2-ALPHA

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000
ICC/IF: 1:200-1:500
FC: 1:100-1:200
IP: 1:50-1:100**Calculated MW**

50 kDa

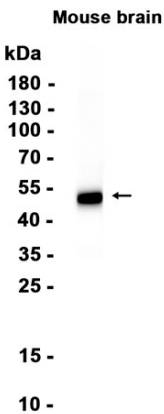
Observed MW

50 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR12213
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 Mouse brain tissue using [db11202](#)