

Recombinant

DGRmAb®

## Acetyl-alpha Tubulin (Lys40) (DGR12213) Rabbit mAb

db11202

Package : 10µL 20µL 50µL 100µL

**Product Name** : Acetyl-alpha Tubulin (Lys40) (DGR12213) Rabbit mAb**Cat.No.:** db11202**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 dilution**WB: 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
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.