Recombinant DGRmAb®

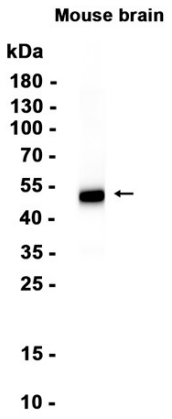
Acetyl-alpha Tubulin (Lys40) (DGR12213) Rabbit mAb

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.



Western blot analysis of extracts from Mouse brain tissue using db11202 at 1:1000.