alpha Tubulin (DGR14189) Rabbit mAb (AF647)

db13212-DL647 **Package：100μL**

Product Name : alpha Tubulin (DGR14189) Rabbit mAb (AF647)
Cat.No.: db13212-DL647
Synonyms : ALS22; TUBA1; H2-ALPHA
Application : IHC, ICC/IF, FC
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 peptide of human alpha Tubulin
Gene ID	7277
Swiss Prot	P68366
Synonyms	ALS22; TUBA1; H2-ALPHA
Reactivity	Human, Mouse, Rat
Application	IHC, ICC/IF, FC
Recommended dilution	ICC/IF: 1:200-1:1000
Calculated MW	50 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14189
Isotype	IgG
Purity	Affinity Purification

Conjugation	AF647
Storage Stability	Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.