

**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.