alpha Tubulin 4A Conjugated Antibody

Catalog No: #C49624

Package Size: #C49624-AF350 100ul #C49624-AF405 100ul #C49624-AF488 100ul #C49624-AF555 100ul #C49624-AF594 100ul #C49624-AF647 100ul #C49624-AF680 100ul #C49624-AF750 100ul #C49624-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	alpha Tubulin 4A Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Alpha tubulin 1 antibody Alpha-tubulin 1 antibody FLJ30169 antibody H2 alpha antibody TBA4A_HUMAN antibody Testis specific alpha tubulin antibody Testis-specific alpha-tubulin antibody TUBA 4A antibody TUBA1 antibody Tuba4a antibody Tubulin alpha 1 (testis specific) antibody Tubulin alpha 1 antibody Tubulin alpha 1 chain antibody Tubulin alpha 4a antibody Tubulin alpha 4A chain antibody Tubulin alpha-1 chain antibody Tubulin alpha-4A chain antibody Tubulin H2 alpha antibody Tubulin H2-alpha antibody
Accession No.	Swiss-Prot#:P68366
Uniprot	P68366
GeneID	7277;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	50 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Tubulin is a major cytoskeleton component that has five distinct forms, designated α, β, γ, δ and e Tubulin. α and β Tubulins form heterodimers which multimerize to form a microtubule filament. Multiple β Tubulin isoforms (β1, β2, β3, β4, β5, β6 and β8) have been characterized and are expressed in mammalian tissues. β1 and β4 are present throughout the cytosol, β2 is present in the nuclei and nucleoplasm, and β3 is a neuron-specific cytoskeletal protein. γ Tubulin forms the gammasome, which is required for nucleating microtubule filaments at the centrosome. Both δ Tubulin and e Tubulin are associated with the centrosome. δ Tubulin is a homolog of the Chlamydomonas δ Tubulin Uni3 and is found in association with the centrioles, whereas e Tubulin localizes to the pericentriolar material. e Tubulin exhibits a cell-cycle-specific pattern of localization, first associating with only the older of the centrosomes in a newly duplicated pair and later associating with both centrosomes.

Note: This product is for in vitro research use only