



# Anti-14-3-3 monoclonal antibody, clone 71D21 (DCABH-2884)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to 14-3-3
<b>Antigen Description</b>	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2.
<b>Immunogen</b>	Recombinant Human 14-3-3 purified from E. coli.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	71D21
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Positive Control</b>	Human tonsil tissue
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	Preservative: 0.03% Sodium azide; Constituents: HEPES, 50% Glycerol, 0.88% Sodium chloride, 0.01% BSA
<b>Storage</b>	store at -20°C. Avoid freeze / thaw cycles.
<b>Ship</b>	Shipped at 4°C.

# GENE INFORMATION

<b>Gene Name</b>	<a href="#">YWHAB tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide [ Homo sapiens ]</a>
<b>Official Symbol</b>	YWHAB
<b>Synonyms</b>	YWHAB; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide; tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein, alpha polypeptide , YWHAA; 14-3-3 protein beta/alpha; 14 3 3 alpha; 14 3 3 beta; 14-3-
<b>Entrez Gene ID</b>	<a href="#">7529</a>
<b>Protein Refseq</b>	<a href="#">NP_003395</a>
<b>UniProt ID</b>	<a href="#">P31946</a>
<b>Chromosome Location</b>	20q13.1
<b>Pathway</b>	ARMS-mediated activation, organism-specific biosystem; Activation of BAD and translocation to mitochondria, organism-specific biosystem; Activation of BH3-only proteins, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem; Axon guidance, organism-specific biosystem;
<b>Function</b>	enzyme binding; histone deacetylase binding; monooxygenase activity; phosphoprotein binding; phosphoserine binding; protein C-terminus binding; protein binding; protein domain specific binding; protein domain specific binding; transcription corepressor ac