

Anti-14-3-3 monoclonal antibody, clone 4G8 (DCABH-3890)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to 14-3-3
Antigen Description	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.
Immunogen	Recombinant full length protein (Human 14-3-3 gamma).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4G8
Conjugate	Unconjugated
Applications	WB, IP
Positive Control	HeLa whole cell lysate.
Format	Liquid
Size	250 µl
Buffer	Preservative: 0.09% Sodium Azide; Constituents: 0.2% BSA, PBS, pH 7.4

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Preservative	0.09% Sodium Azide
Storage	Add glycerol to a final volume of 50%, aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	YWHAB tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide [Homo sapiens]
Official Symbol	YWHAB
Synonyms	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-
Entrez Gene ID	7529
Protein Refseq	NP_003395
UniProt ID	P31946
Chromosome Location	20q13.1
Pathway	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;
Function	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

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