



Anti-YWHAQ monoclonal antibody, clone 4C0 (DCABH-38)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to 14-3-3 Tau
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. Negatively regulates the kinase activity of PDPK1.
Specificity	This antibody recognises theta/tau isoform. The antibody does not react with the 14-3-3 zeta isoform.
Immunogen	Recombinant full length protein.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Cow, Human
Clone	4C0
Conjugate	Unconjugated
Applications	Flow Cyt, IP, WB, IHC-P, ICC/IF
Positive Control	Whole extracts of mouse 3T3, rat PC12, human Jurkat, or normal fibroblasts or bovine MDBK cells. This antibody gave a positive signal during western blot in the following whole cell lysates: MBA MD 231; HeLa; A431; Jurkat; Y79; NIH3T3.
Format	Liquid
Size	100 µg

Buffer	Preservative: 3mM Sodium Azide; Constituents: 50% Glycerol, PBS, pH 7.5
Preservative	3mM Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	YWHAQ tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide [Homo sapiens]
Official Symbol	YWHAQ
Synonyms	YWHAQ; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide; 14-3-3 protein theta; 14 3 3; HS1; protein tau; 14-3-3 protein tau; 14-3-3 protein T-cell; 1C5; 14-3-3;
Entrez Gene ID	10971
Protein Refseq	NP_006817
UniProt ID	P27348
Chromosome Location	2p25.2-p25.1
Pathway	Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Class I PI3K signaling events mediated by Akt, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; FoxO family signaling, organism-specific biosystem;
Function	protein N-terminus binding; protein binding; protein domain specific binding;