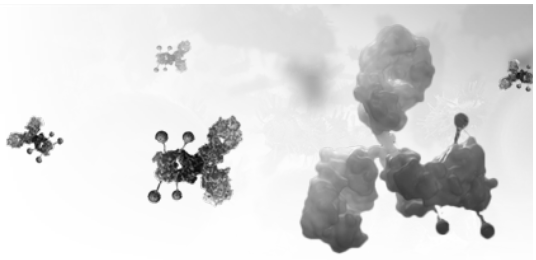

Anti-CDK5 monoclonal antibody, clone 5F6 (DCABH-14963)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. Cyclophilin A binds to CD99 and may act as a signaling regulator of CD99. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	Recombinant protein corresponding to human CDK5.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Monkey, Rat
Clone	5F6
Conjugate	Unconjugated
Applications	Western Blot (Cell lysate); Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections); Immunofluorescence; ELISA; Flow Cytometry
Format	Liquid
Buffer	In ascites (0.03% sodium azide)
Preservative	0.03% Sodium Azide
Storage	Store at 4°C For long term storage store at -20°CAliquot to avoid repeated freezing and thawing.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	CDK5 cyclin-dependent kinase 5 [Homo sapiens]
Official Symbol	CDK5
Synonyms	CDK5; cyclin-dependent kinase 5; PSSALRE; TPKII catalytic subunit; protein kinase CDK5 splicing; cell division protein kinase 5; serine/threonine-protein kinase PSSALRE; tau protein kinase II catalytic subunit;
Entrez Gene ID	1020
Protein Refseq	NP_001157882
UniProt ID	Q00535
Chromosome Location	7q36
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; CRMPs in Sema3A signaling, organism-speci
Function	ATP binding; ErbB-2 class receptor binding; ErbB-3 class receptor binding; acetylcholine receptor activator activity; cyclin-dependent protein kinase activity; kinase activity; nucleotide binding; p53 binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity; tau-protein kinase activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221