



Anti-CSNK2A1 monoclonal antibody, clone 24C6 (DCABH-7320)

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

PRODUCT INFORMATION

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| Product Overview | Mouse monoclonal to CKII alpha - N-terminal |
| Antigen Description | Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. The alpha and alpha chains contain the catalytic site. Participates in Wnt signaling. CK2 phosphorylates Ser-392 of p53/TP53 following UV irradiation. |
| Immunogen | Synthetic peptide corresponding to Human CKII alpha (N terminal).Database link: P68400 |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | 24C6 |
| Purity | Protein A purified |
| Conjugate | Unconjugated |
| Applications | IHC-P, WB |
| Format | Liquid |
| Size | 100 µg |
| Buffer | Constituents: 2% Sucrose, 0.75% Glycine, 1.21% Tris |
| Storage | Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |

Ship

Shipped at 4°C.

GENE INFORMATION

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| Gene Name | CSNK2A1 casein kinase 2, alpha 1 polypeptide [Homo sapiens] |
| Official Symbol | CSNK2A1 |
| Synonyms | CSNK2A1; casein kinase 2, alpha 1 polypeptide; casein kinase II subunit alpha; CK II alpha; protein kinase CK2; CK2 catalytic subunit alpha; casein kinase II alpha 1 subunit; CKII; CK2A1; |
| Entrez Gene ID | 1457 |
| Protein Refseq | NP_001886 |
| UniProt ID | P68400 |
| Chromosome Location | 20p13 |
| Pathway | Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Alpha-synuclein signaling, organism-specific biosystem; Axon guidance, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; |
| Function | ATP binding; Hsp90 protein binding; beta-catenin binding; nucleotide binding; protein N-terminus binding; protein binding; protein phosphatase regulator activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity; protein |