

Anti-CSNK1E / CK1 Epsilon Antibody (clone 2E1)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18134**Specification**

Anti-CSNK1E / CK1 Epsilon Antibody (clone 2E1) - Product Information

Application	IHC-P, IF, E
Primary Accession	P49674
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	47315

Anti-CSNK1E / CK1 Epsilon Antibody (clone 2E1) - Additional Information**Gene ID** 102800317;1454**Alias Symbol** CSNK1E**Other Names**

CSNK1E, Casein kinase 1 epsilon, Casein kinase i epsilon, CK1 epsilon, CKIE, CKIepsilon, CKI-epsilon, HCKIE, Casein kinase 1, epsilon

Target/Specificity

Human CSNK1E / CK1 Epsilon

Reconstitution & Storage

Protein A purified

Precautions

Anti-CSNK1E / CK1 Epsilon Antibody (clone 2E1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CSNK1E / CK1 Epsilon Antibody (clone 2E1) - Protein Information**Name** CSNK1E**Function**

Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates (Probable). Participates in Wnt signaling (PubMed:12556519, PubMed:23413191). Phosphorylates DVL1 (PubMed:12556519). Phosphorylates DVL2 (PubMed:23413191). Phosphorylates NEDD9/HEF1 (By similarity). Central component of the circadian clock (PubMed:16790549). In balance with PP1, determines the circadian period length, through the regulation of the speed and

rhythmicity of PER1 and PER2 phosphorylation (PubMed:15917222, PubMed:16790549). Controls PER1 and PER2 nuclear transport and degradation (By similarity). Inhibits cytokine-induced granulocytic differentiation (PubMed:15070676).

Cellular Location

Cytoplasm. Nucleus.

Tissue Location

Expressed in all tissues examined, including brain, heart, lung, liver, pancreas, kidney, placenta and skeletal muscle Expressed in monocytes and lymphocytes but not in granulocytes

Anti-CSNK1E / CK1 Epsilon Antibody (clone 2E1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CSNK1E / CK1 Epsilon Antibody (clone 2E1) - Images