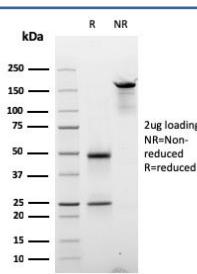


Cyclin E1 Antibody / CCNE1 [clone CCNE1/2587] (V8192)

Catalog No.	Formulation	Size
V8192-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8192-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8192SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG
Clone Name	CCNE1/2587
Purity	Protein G affinity chromatography
UniProt	P24864
Applications	ELISA (order BSA-free Format For Coating) :
Limitations	This Cyclin E1 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Cyclin E1 antibody (clone CCNE1/2587) as confirmation of integrity and purity.

Description

Cyclin E belongs to the highly conserved cyclin family, whose members exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. Cyclins function as regulators of CDK

kinases. Cyclin E forms a complex with and functions as a regulatory subunit of CDK2, whose activity is required for cell cycle G1/S transition. Cyclin E accumulates at the G1-S phase boundary and is degraded as cells progress through S phase. Cyclin E overexpression has been observed in many tumors, which results in chromosome instability, and thus may contribute to tumorigenesis.

Application Notes

Optimal dilution of the Cyclin E1 antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein (amino acids 10-176) was used as the immunogen for this Cyclin E1 antibody.

Storage

Store the Cyclin E1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).