

Cyclin E1 (Phospho-Thr77) Conjugated Antibody

Catalog No: #C14204



Package Size: #C14204-AF350 100ul #C14204-AF405 100ul #C14204-AF488 100ul #C14204-AF555 100ul #C14204-AF594 100ul #C14204-AF647 100ul #C14204-AF680 100ul #C14204-AF750 100ul #C14204-Biotin 100ul #C14204-Conjugated 50ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

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|-----------------------|--|
| Product Name | Cyclin E1 (Phospho-Thr77) Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Isotype | Rabbit IgG |
| Purification | Affinity-chromatography |
| Applications | WB, IF |
| Species Reactivity | Human |
| Specificity | Phospho-Cyclin E1 (T77) Antibody detects endogenous levels of Phospho-Cyclin E1 (T77) |
| Immunogen Description | A synthesized peptide derived from human Cyclin E1 |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | CCNE; Ccne1; cyclin E variant ex5del; cyclin E variant ex7del; Cyclin E1; Cyclin Es; Cyclin Et; G1/S specific cyclin E; G1/S-specific cyclin-E1; |
| Accession No. | Uniprot:P24864 |
| Calculated MW | 48kDa |
| Storage | Store at 4°C in dark for 6 months |

Application Details

WB: 1:50-1:200

IF: 1:50-1:200

Product Description

Cyclin E1 and cyclin E2 can associate with and activate CDK2. Upon DNA damage, upregulation/activation of the CDK inhibitors p21 Waf1/Cip1 and p27 Kip1 prevent cyclin E/CDK2 activation, resulting in G1/S arrest. Cyclin E1 is phosphorylated at multiple sites in vivo including Thr62, Ser88, Ser72, Thr380 and Ser384, and is controlled by at least two kinases, CDK2 and GSK-3.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.