

## 10-11523: Mouse Monoclonal Antibody to Cyclin E(Clone: HE12)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HE12
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	CCNE1
<b>Gene ID :</b>	898
<b>Uniprot ID :</b>	P24864
<b>Format :</b>	Purified
<b>Alternative Name :</b>	G1/S-specific cyclin-E1, CCNE
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Synthetic peptide corresponding to human cyclin E protein.

### Description

This antibody recognizes a doublet of 50 kDa and a single band of 42 kDa identified as cyclin E. Cyclin proteins are a family of related proteins, which control the progression of the eukaryotic cell cycle. Overexpression of cyclin E shortens the length of the G1 phase, accelerating progression of S phase. The activity of cyclin E is mediated through its activation of cyclin dependent kinase 2 (cdk2) protein and is modulated by the presence of tumor suppressor proteins such as p16.

### Product Info

<b>Amount :</b>	0.5 ml
<b>Content :</b>	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as preservative.
<b>Storage condition :</b>	Store at 2-8°C.

### Application Note

IHC : 1:100-1:200

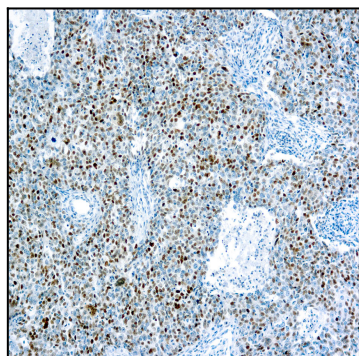


Figure 1 : Formalin fixed paraffin embedded human breast carcinoma stained with Cyclin E antibody ( 10-11523).