

Anti-PLK1 Antibody (6E672)

Product Details

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|-------------------|--------------------------------------|
| Ig Type: | IgG1 |
| Reactivity: | Human (predicted:Mouse,Rat) |
| Molecular Weight: | Theoretical: 66 kDa. Actual: 60 kDa. |
| Clone: | 6E672 |
| Purification: | Protein A purified |

Applications

| | |
|--------------------|--|
| Sample: | Lane 1: Human MCF-7 cell lysates Lane 2: Human Raji cell lysates Lane 3: Human Jurkat cell lysates |
| Verified Activity: | Lane 4: Human HUVEC Cell Lysates Primary: Anti-PLK1 (TMAB-11555) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 66 kDa Observed band size: 60 kDa |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

Properties

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|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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|------------------|---|
| Immunogen: | Recombinant Protein: human PLK1 protein |
| Antigen Species: | Human |
| Gene ID: | 5347 |
| Uniprot ID: | P53350 |

Research Background

The Ser/Thr protein kinase encoded by this gene belongs to the CDC5/Polo subfamily. It is highly expressed during mitosis and elevated levels are found in many different types of cancer. Depletion of this protein in cancer cells dramatically inhibited cell proliferation and induced apoptosis; hence, it is a target for cancer therapy. [provided by RefSeq, Sep 2015]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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