

Product datasheet

Anti-Cyclin B1 (phospho S126) antibody [EPR3670] ab133439

Recombinant RabMAb

[4 References](#) [2 Images](#)

Overview

Product name	Anti-Cyclin B1 (phospho S126) antibody [EPR3670]
Description	Rabbit monoclonal [EPR3670] to Cyclin B1 (phospho S126)
Host species	Rabbit
Specificity	This antibody only detects Cyclin B phosphorylated at Serine 126.
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HeLa whole cell lysate (ab150035) and lysate of HeLa cells treated with Nocodazole.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR3670
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133439 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

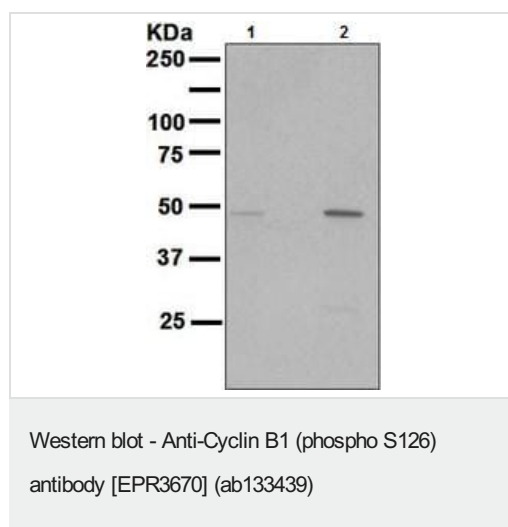
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 48 kDa.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Target

Function	Essential for the control of the cell cycle at the G2/M (mitosis) transition.
Sequence similarities	Belongs to the cyclin family. Cyclin AB subfamily.
Developmental stage	Accumulates steadily during G2 and is abruptly destroyed at mitosis.
Post-translational modifications	Ubiquitinated by the SCF(NIPA) complex during interphase, leading to its destruction. Not ubiquitinated during G2/M phases.
Cellular localization	Cytoplasm. Nucleus. Cytoplasm > cytoskeleton > centrosome.

Images



All lanes : Anti-Cyclin B1 (phospho S126) antibody [EPR3670] (ab133439) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : Lysate of HeLa cells treated with Nocodazole

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP conjugated antibody at 1/2000 dilution

Predicted band size: 48 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Cyclin B1 (phospho S126) antibody [EPR3670]
(ab133439)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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