

Product datasheet

Anti-Cdc37 (phospho S13) antibody [EPR4879] ab108360

Recombinant RabMAb

★★★★★ [3 Abreviews](#) [6 References](#) [4 Images](#)

Overview

Product name	Anti-Cdc37 (phospho S13) antibody [EPR4879]
Description	Rabbit monoclonal [EPR4879] to Cdc37 (phospho S13)
Host species	Rabbit
Specificity	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
Tested applications	Suitable for: WB, Dot blot
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa cell, Mouse brain tissue, and Rat brain tissue lysates. Dot: Cdc37 (pS13) phospho peptide.
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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal

Clone number	EPR4879
Isotype	IgG

Applications

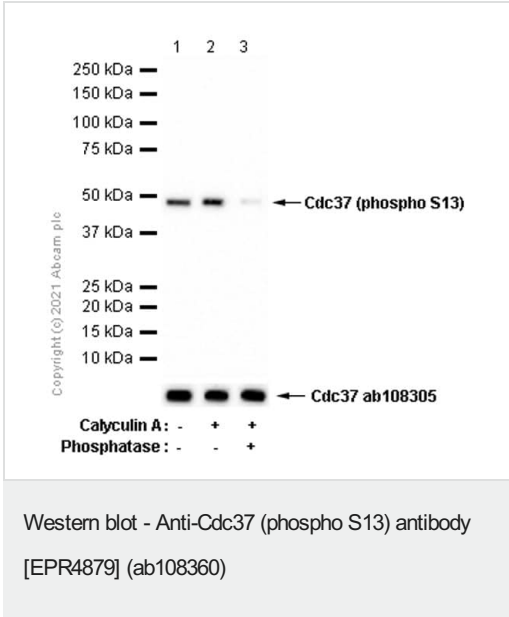
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab108360 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (3)	1/1000 - 1/10000. Predicted molecular weight: 44 kDa.
Dot blot		1/1000.

Target

Function	Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity.
Sequence similarities	Belongs to the CDC37 family.
Post-translational modifications	Constitutively sumoylated by UBE2I.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-Cdc37 (phospho S13) antibody [EPR4879] (ab108360) at 1/10000 dilution (Purified)

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 2 : HeLa (Human cervix adenocarcinoma epithelial cell) treated with 50nM Calyculin A for 3 hours whole cell lysate

Lane 3 : HeLa (Human cervix adenocarcinoma epithelial cell) treated with 50nM Calyculin A for 3 hours, then the membrane treated with Phosphatase

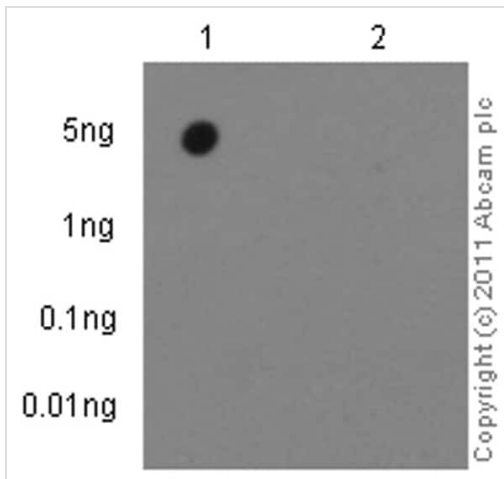
Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 44 kDa

Observed band size: 44 kDa

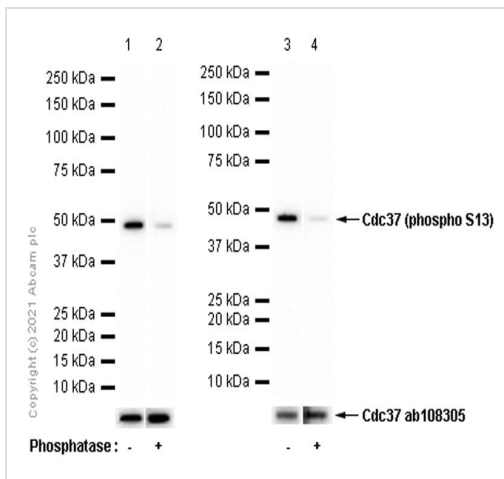


Dot Blot - Anti-Cdc37 (phospho S13) antibody
[EPR4879] (ab108360)

Dot blot analysis of Cdc37 (pS13) phospho peptide (lane 1) and Cdc37 non-phospho peptide (lane 2) labelling Cdc37 (phospho S13) with ab108360 at a dilution of 1/1000. A peroxidase-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/2500).

Blocking and dilution buffer: 5% NFDM/TBST.

Exposure time: 3 minutes.



Western blot - Anti-Cdc37 (phospho S13) antibody
[EPR4879] (ab108360)

All lanes : Anti-Cdc37 (phospho S13) antibody [EPR4879]
(ab108360) at 1/10000 dilution (Purified)

Lane 1 : Mouse brain lysate

Lane 2 : Mouse brain lysate, then the membrane treated with
Phosphatase

Lane 3 : Rat brain lysate

Lane 4 : Rat brain lysate, then the membrane treated with
Phosphatase

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000
dilution

Predicted band size: 44 kDa

Observed band size: 44 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-Cdc37 (phospho S13) antibody [EPR4879]
(ab108360)

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

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