abcam

Product datasheet

Anti-Cdc37 antibody [EPR4935] ab108305

Recombinant   RabMAb

1 References   **3 Images**

Overview

Product name	Anti-Cdc37 antibody [EPR4935]
Description	Rabbit monoclonal [EPR4935] to Cdc37
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	K562 cell lysate, Jurkat cell lysate, LnCaP cell lysate, SW480 cell lysate, human brain tissue

General notes

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 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	EPR4935
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab108305 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		1/50000 - 1/200000. Predicted molecular weight: 44 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. perform antigen retrieval

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

Western blot - Anti-Cdc37 antibody [EPR4935] (ab108305)
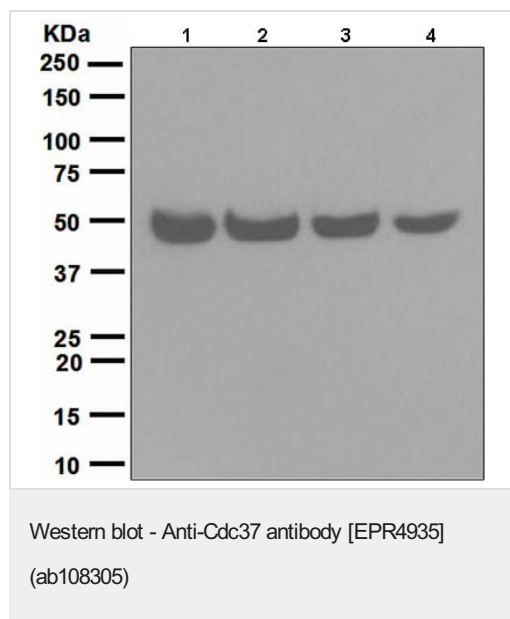
All lanes : Anti-Cdc37 antibody [EPR4935] (ab108305) at 1/50000 dilution

Lane 1 : K562 cell lysate
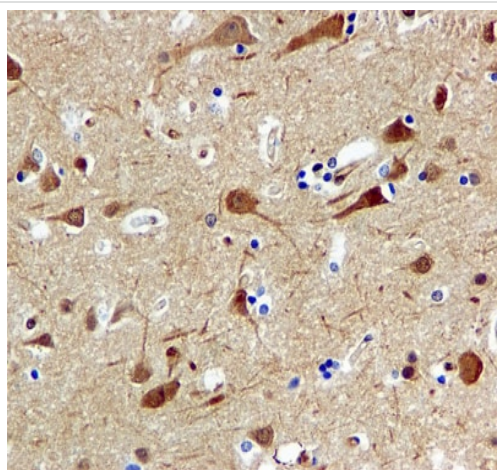**Lane 2 :** Jurkat cell lysate
Lane 3 : LnCaP cell lysate
Lane 4 : SW480 cell lysate

Lysates/proteins at 10 µg per lane.

Performed under reducing conditions.

Predicted band size: 44 kDa

ab108305, at 1/250, staining Cdc37 in human brain tissue by immunohistochemistry.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cdc37 antibody [EPR4935] (ab108305)

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 antibody [EPR4935] (ab108305)

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

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- Response to your inquiry within 24 hours

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