


Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free ab249691

Recombinant RabMAb

7 Images

Overview

| | |
|---------------------|--|
| Product name | Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free |
| Description | Rabbit monoclonal [EPR11558] to NUDCD2 - BSA and Azide free |
| Host species | Rabbit |
| Tested applications | Suitable for: Flow Cyt (Intra), WB, IHC-P, IP, ICC/IF |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat  |
| Immunogen | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| General notes | <p>ab249691 is the carrier-free version of ab171979.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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. Do Not Freeze. |
| Storage buffer | pH: 7.2 Constituent: PBS |
| Carrier free | Yes |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR11558 |
| Isotype | IgG |

Applications

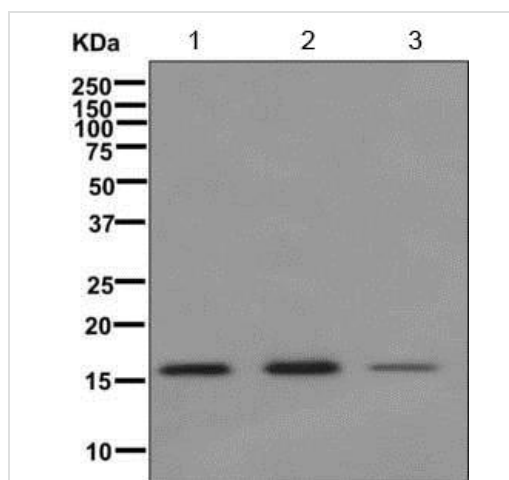
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249691 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|------------------|-----------|---|
| Flow Cyt (Intra) | | Use at an assay dependent concentration. |
| WB | | Use at an assay dependent concentration. Predicted molecular weight: 18 kDa. |
| IHC-P | | Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| IP | | Use at an assay dependent concentration. |
| ICC/IF | | Use at an assay dependent concentration. |

Target

| | |
|-----------------------|-----------------------|
| Sequence similarities | Contains 1 CS domain. |
|-----------------------|-----------------------|

Images



Western blot - Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free (ab249691)

All lanes : Anti-NUDCD2 antibody [EPR11558] (**ab171979**) at 1/1000 dilution

Lane 1 : K562 cell lysate

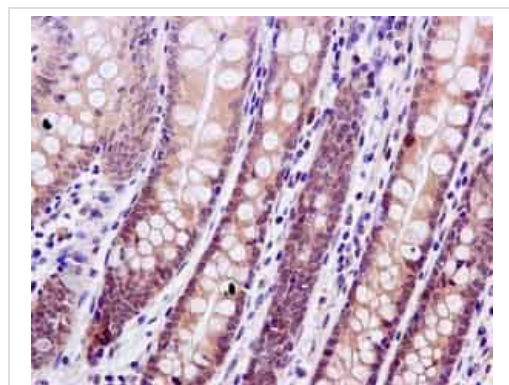
Lane 2 : 293T cell lysate

Lane 3 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

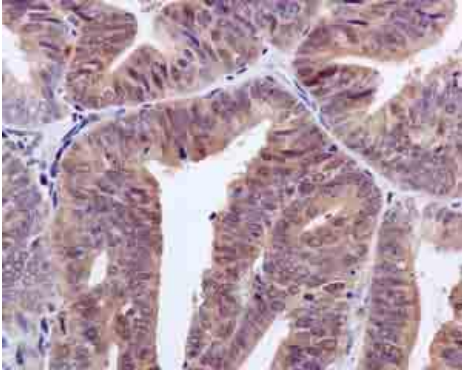
Predicted band size: 18 kDa

This data was developed using **ab171979**, the same antibody clone in a different buffer formulation.



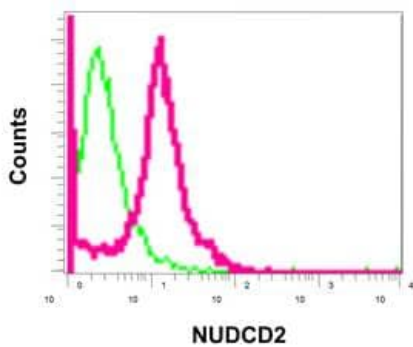
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free (ab249691)

This data was developed using **ab171979**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling NUDCD2 with **ab171979** at 1/50 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free (ab249691)

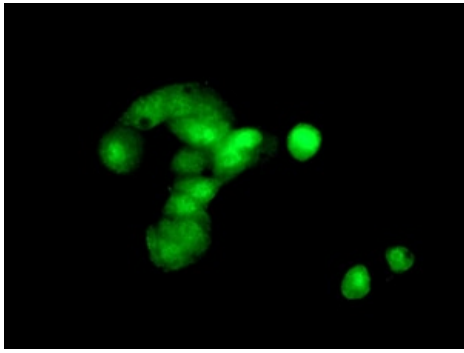
This data was developed using **ab171979**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human endometrial adenocarcinoma tissue labeling NUDCD2 with **ab171979** at 1/50 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free (ab249691)

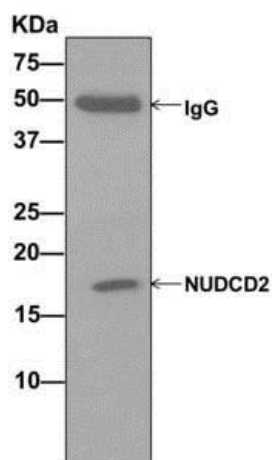
This data was developed using **ab171979**, the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of permeabilized 293T cells labeling NUDCD2 with **ab171979** at 1/10 dilution (red) or a Rabbit IgG (negative) (green).



Immunocytochemistry/ Immunofluorescence - Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free (ab249691)

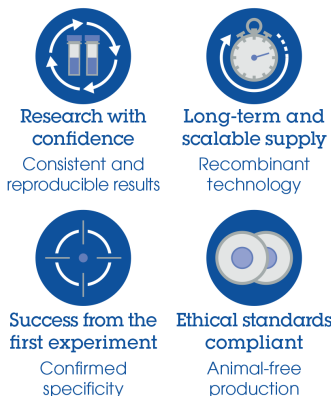
This data was developed using **ab171979**, the same antibody clone in a different buffer formulation. Immunofluorescent analysis of HepG2 cells labeling NUDCD2 with **ab171979** at 1/100 dilution.



Immunoprecipitation - Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free (ab249691)

This data was developed using **ab171979**, the same antibody clone in a different buffer formulation. Western blot analysis on immunoprecipitation pellet from 293T cell lysate labeling NUDCD2 with **ab171979** at 1/10 dilution.

Why choose a recombinant antibody?



Anti-NUDCD2 antibody [EPR11558] - BSA and Azide free (ab249691)

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