

Product datasheet

Anti-NUDCD2 antibody [EPR11558] ab171979

Recombinant RabMAb

7 Images

Overview

Product name	Anti-NUDCD2 antibody [EPR11558]
Description	Rabbit monoclonal [EPR11558] to NUDCD2
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), ICC/IF, WB, IP, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	K562, 293T and HepG2 cell lysates; Human colon and Human endometrial adenocarcinoma tissues; HepG2 and 293T cells
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 .

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	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR11558

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171979 in the following tested applications.

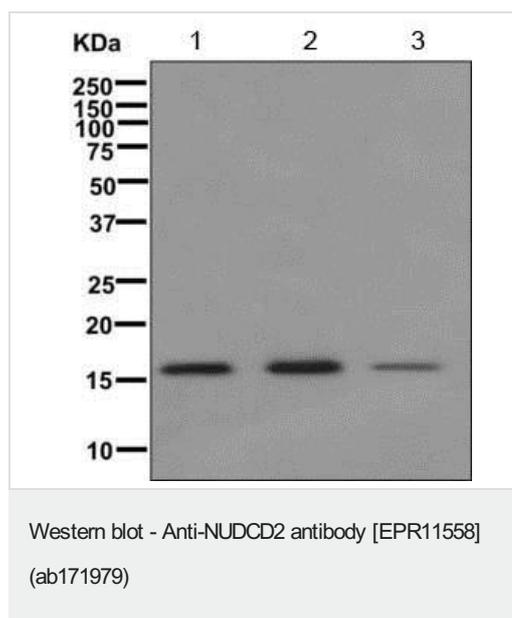
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100 - 1/250.
WB		1/1000 - 1/5000. Predicted molecular weight: 18 kDa.
IP		1/10 - 1/100.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Sequence similarities Contains 1 CS domain.

Images



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

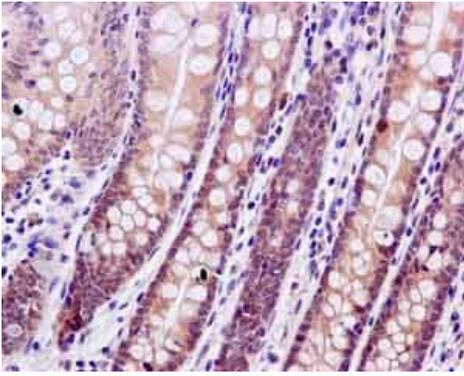
Lane 1 : K562 cell lysate

Lane 2 : 293T cell lysate

Lane 3 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

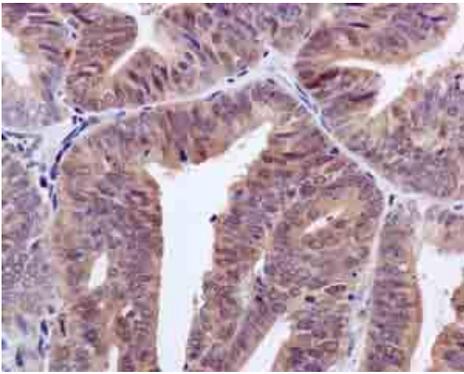
Predicted band size: 18 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUDCD2 antibody [EPR11558] (ab171979)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling NUDCD2 with ab171979 at 1/50 dilution.

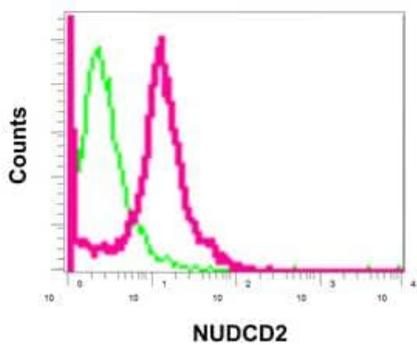
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUDCD2 antibody [EPR11558] (ab171979)

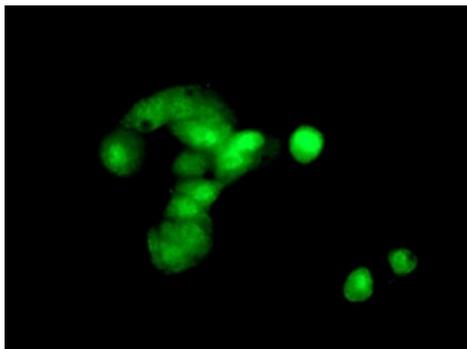
Immunohistochemical analysis of paraffin-embedded Human endometrial adenocarcinoma tissue labeling NUDCD2 with ab171979 at 1/50 dilution.

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



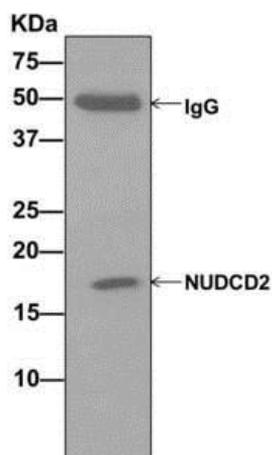
Flow Cytometry (Intracellular) - Anti-NUDCD2 antibody [EPR11558] (ab171979)

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-NUDCCD2 antibody [EPR11558] (ab171979)

Immunofluorescent analysis of HepG2 cells labeling NUDCD2 with ab171979 at 1/100 dilution.



Immunoprecipitation - Anti-NUDCCD2 antibody [EPR11558] (ab171979)

Western blot analysis on immunoprecipitation pellet from 293T cell lysate labeling NUDCD2 with ab171979 at 1/10 dilution.

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-NUDCCD2 antibody [EPR11558] (ab171979)

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