


Product datasheet

Anti-NDRG3 antibody [EPR9010(B)] ab131266

Recombinant RabMAb

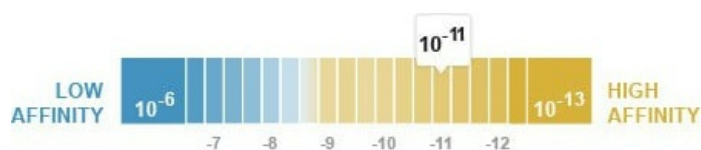
[3 References](#) [5 Images](#)

Overview

Product name	Anti-NDRG3 antibody [EPR9010(B)]
Description	Rabbit monoclonal [EPR9010(B)] to NDRG3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: IP
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	Raji, Human fetal brain and LNCaP lysates; Human kidney and brain tissue
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 -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 1.92 x 10 ⁻¹¹ M



[Learn more about K_D](#)

Storage buffer	pH: 7.20
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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 EPR9010(B)
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab131266 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. Detects a band of approximately 45 kDa (predicted molecular weight: 41 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

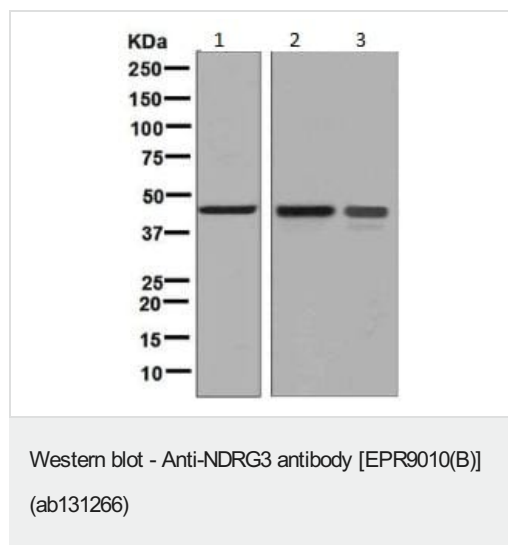
Application notes Is unsuitable for IP.

Target

Tissue specificity Ubiquitous. Highly expressed in brain.

Sequence similarities Belongs to the NDRG family.

Images



All lanes : Anti-NDRG3 antibody [EPR9010(B)] (ab131266) at 1/1000 dilution

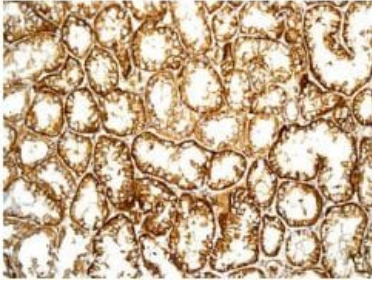
Lane 1 : Raji cell lysate

Lane 2 : Human fetal brain tissue lysate

Lane 3 : LNCaP cell lysate

Lysates/proteins at 10 µg per lane.

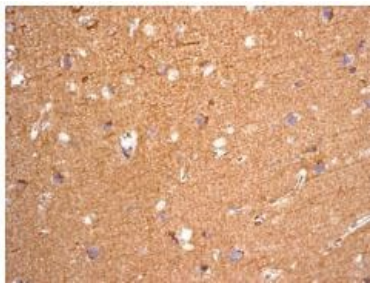
Predicted band size: 41 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NDRG3 antibody [EPR9010(B)] (ab131266)

Immunohistochemical analysis of paraffin embedded Human kidney tissue labelling NDRG3 with ab131266 at 1/250 dilution.

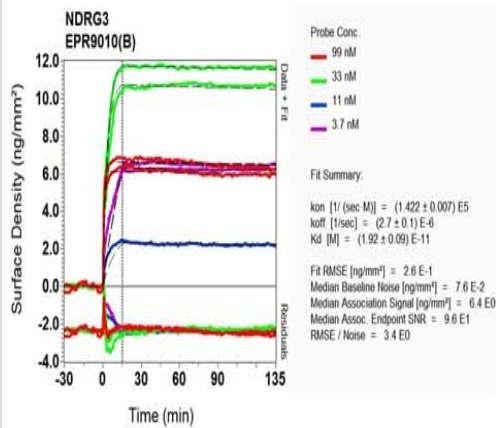
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NDRG3 antibody [EPR9010(B)] (ab131266)

Immunohistochemical analysis of paraffin embedded Human brain tissue labelling NDRG3 with ab131266 at 1/250 dilution.

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



OIR-D Scanning - Anti-NDRG3 antibody [EPR9010(B)] (ab131266)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-NDRG3 antibody [EPR9010(B)] (ab131266)

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