

Product datasheet

Anti-NUDT5 antibody [EPR7735] ab129163

Recombinant **RabMAb**

[2 Images](#)

Overview

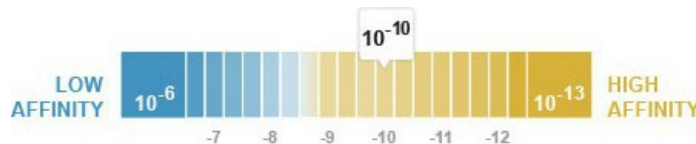
Product name	Anti-NUDT5 antibody [EPR7735]
Description	Rabbit monoclonal [EPR7735] to NUDT5
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human NUDT5 aa 150-250. The exact sequence is proprietary.
Positive control	HeLa, 293T, HepG2 and U937 cell lysates
General notes	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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

This product is a [recombinant rabbit monoclonal antibody](#).

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 = 3.48 x 10 ⁻¹⁰ M



[Learn more about K_D](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EPR7735
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab129163** 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 33 kDa (predicted molecular weight: 24 kDa).
IP		1/10 - 1/100.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

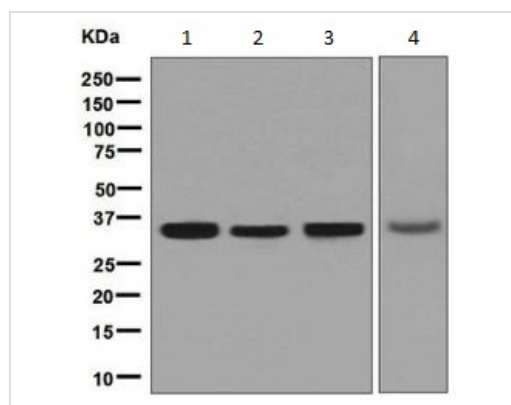
Target

Function Hydrolyzes with similar activities ADP-ribose, ADP-mannose, and ADP-glucose. Can also hydrolyze other nucleotide sugars with low activity.

Tissue specificity Widely expressed. Most abundant in liver.

Sequence similarities Belongs to the Nudix hydrolase family.
Contains 1 nudix hydrolase domain.

Images



Western blot - Anti-NUDT5 antibody [EPR7735] (ab129163)

All lanes : Anti-NUDT5 antibody [EPR7735] (ab129163) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293T cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : U937 cell lysate

Lysates/proteins at 10 µg per lane.

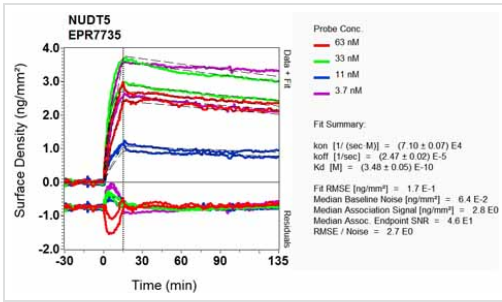
Secondary

All lanes : HRP labelled Goat anti-Rabbit IgG at 1/2000 dilution

Predicted band size: 24 kDa

Observed band size: 33 kDa

[why is the actual band size different from the predicted?](#)



Other - Anti-NUDT5 antibody [EPR7735] (ab129163)

Equilibrium disassociation constant (K_D)

Learn more about K_D

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

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
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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