

## Product datasheet

# Anti-NUDT5 antibody [EPR7735] - BSA and Azide free ab248321

Recombinant RabMAb

### Overview

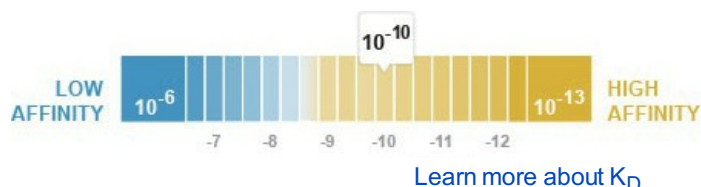
<b>Product name</b>	Anti-NUDT5 antibody [EPR7735] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR7735] to NUDT5 - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IP, WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human NUDT5 aa 150-250. The exact sequence is proprietary.
<b>General notes</b>	<p>ab248321 is the carrier-free version of <a href="#">ab129163</a> This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our <a href="#">carrier-free formats</a> are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</p> <p>Use our <a href="#">conjugation kits</a> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>Ab248321 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.</p> <p><i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>.</p> <p>This product is a <a href="#">recombinant rabbit monoclonal antibody</a>.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.

**Dissociation constant (K<sub>D</sub>)**

$K_D = 3.48 \times 10^{-10} \text{ M}$



<b>Purity</b>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR7735
<b>Isotype</b>	IgG

**Applications**

Our [Abpromise guarantee](#) covers the use of **ab248321** 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
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 33 kDa (predicted molecular weight: 24 kDa).

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

**Target**

<b>Function</b>	Hydrolyzes with similar activities ADP-ribose, ADP-mannose, and ADP-glucose. Can also hydrolyze other nucleotide sugars with low activity.
<b>Tissue specificity</b>	Widely expressed. Most abundant in liver.
<b>Sequence similarities</b>	Belongs to the Nudix hydrolase family. Contains 1 nudix hydrolase domain.

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

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors