

# Anti-K23 antibody [EPR10943] - BSA and Azide free ab249264

Recombinant RabMAb

4 Images

### Overview

Product name	Anti-K23 antibody [EPR10943] - BSA and Azide free
Description	Rabbit monoclonal [EPR10943] to K23 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> Flow Cyt (Intra), IHC-P, WB <b>Unsuitable for:</b> ICC/IF or IP
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Recombinant fragment corresponding to Human K23. Database link: <a href="#">Q9C075</a>
General notes	<p>ab249264 is the carrier-free version of <a href="#">ab156569</a>.</p> <p>Our <b>carrier-free</b> 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 <b>conjugation kits</b> 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>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> 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"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</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	EPR10943
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab249264 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

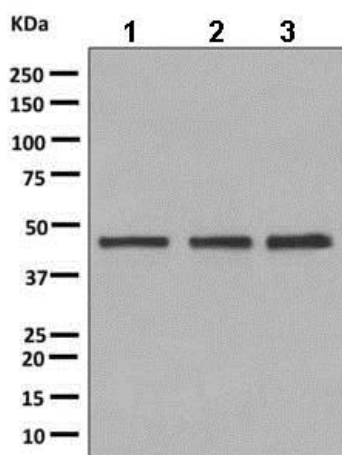
Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).

**Application notes** Is unsuitable for ICC/IF or IP.

## Target

**Sequence similarities** Belongs to the intermediate filament family.

## Images



Western blot - Anti-K23 antibody [EPR10943] - BSA and Azide free (ab249264)

**All lanes** : Anti-K23 antibody [EPR10943] ([ab156569](#)) at 1/1000 dilution

**Lane 1** : HepG2 cell lysate

**Lane 2** : JAR cell lysate

**Lane 3** : BxPC-3 cell lysate

Lysates/proteins at 10 µg per lane.

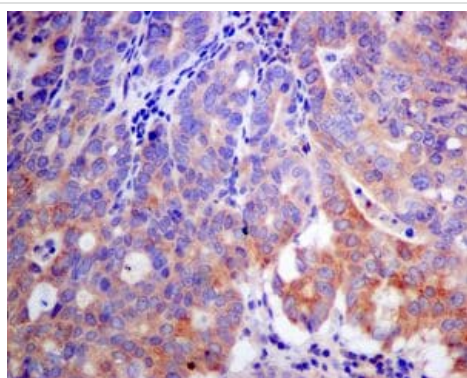
#### Secondary

**All lanes** : HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 48 kDa

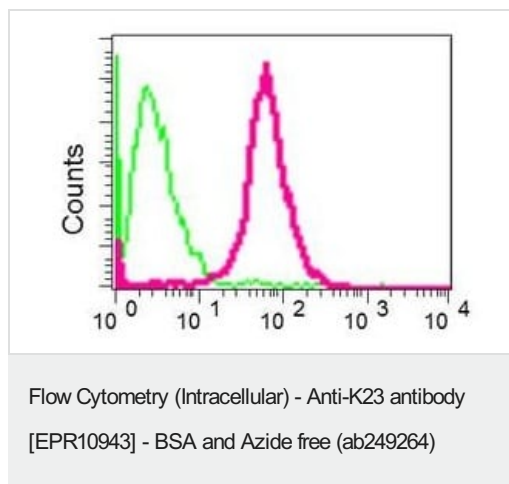
**Observed band size:** 48 kDa

This data was developed using [ab156569](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-K23 antibody [EPR10943] - BSA and Azide free (ab249264)

This data was developed using [ab156569](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded Human gastric carcinoma tissue labeling K23 with [ab156569](#) antibody at 1/150. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



This data was developed using **ab156569**, the same antibody clone in a different buffer formulation.

Intracellular flow cytometrical analysis of permeabilized JAR cells with **ab156569** antibody at a dilution of 1/10 (red) compared to a rabbit IgG (green).

Why choose a recombinant antibody?

<p><b>Research with confidence</b> Consistent and reproducible results</p>	<p><b>Long-term and scalable supply</b> Recombinant technology</p>
<p><b>Success from the first experiment</b> Confirmed specificity</p>	<p><b>Ethical standards compliant</b> Animal-free production</p>

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

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