


# Anti-CDC123 antibody [EPR5860] - BSA and Azide free ab226095

Recombinant RabMAb

4 Images

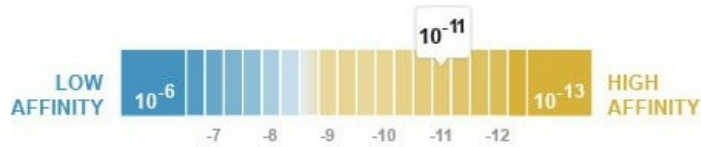
### Overview

Product name	Anti-CDC123 antibody [EPR5860] - BSA and Azide free
Description	Rabbit monoclonal [EPR5860] to CDC123 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, Flow Cyt (Intra) <b>Unsuitable for:</b> ICC/IF or IHC-P
Species reactivity	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HeLa and 293T cell lysates, 293T cells.
General notes	<p>ab226095 is the carrier-free version of <a href="#">ab124878</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</p>

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. Do Not Freeze.
Dissociation constant ( $K_D$ )	$K_D = 6.20 \times 10^{-11}$ M



[Learn more about  \$K\_D\$](#)

Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5860
Isotype	IgG

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab226095 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

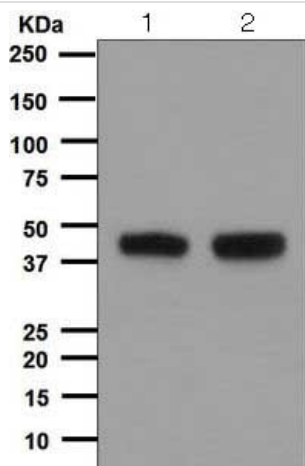
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 45 kDa (predicted molecular weight: 39 kDa).
Flow Cyt (Intra)		Use at an assay dependent concentration.

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

## Target

Function	Required for S phase entry of the cell cycle.
Tissue specificity	Widely expressed. Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the highest expression in testis.
Sequence similarities	Belongs to the CDC123 family.
Cellular localization	Cytoplasm.

## Images



Western blot - Anti-CDC123 antibody [EPR5860] - BSA and Azide free (ab226095)

**All lanes** : Anti-CDC123 antibody [EPR5860] ([ab124878](#)) at 1/1000 dilution

**Lane 1** : HeLa cell lysate

**Lane 2** : 293T (Human embryonic kidney epithelial cell) cell lysate

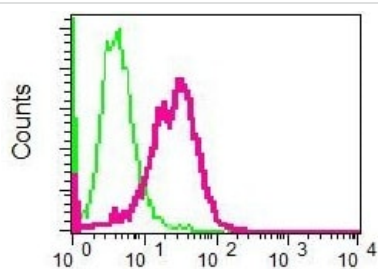
Lysates/proteins at 10 µg per lane.

### Secondary

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

**Predicted band size:** 39 kDa

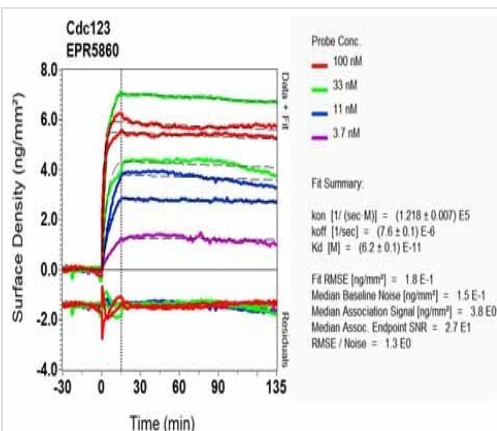
This data was developed using [ab124878](#), the same antibody clone in a different buffer formulation.



Flow Cytometry (Intracellular) - Anti-CDC123 antibody [EPR5860] - BSA and Azide free (ab226095)

This data was developed using [ab124878](#), the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of permeabilized 293T cells using [ab124878](#) at a dilution of 1/10 (red) or a rabbit IgG (negative) (green).



OR-D Scanning - Anti-CDC123 antibody [EPR5860] - BSA and Azide free (ab226095)

This data was developed using [ab124878](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation 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-CDC123 antibody [EPR5860] - BSA and Azide free (ab226095)

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

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