

## Product datasheet

# Anti-EDC4 antibody ab118323

1 Image

### Overview

<b>Product name</b>	Anti-EDC4 antibody
<b>Description</b>	Mouse monoclonal to EDC4
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat
<b>Immunogen</b>	Recombinant fragment: PAQVFGQPPC PLSQPVLLSL IQQLASDLGT RTDLKLSYLE EAVMHLDHSD PITRDHMGSV MAQVRQKLFQ FLQAEPHNSL GKAARRLSLM LHGLVTPSLP, corresponding to C terminal amino acids 1302 - 1401 of Human EDC4 with a proprietary tag (NP_055144). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human tonsil tissue

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Constituent: 99% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab118323** in the following tested applications.

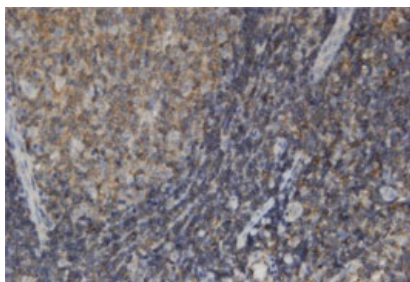
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 3 µg/ml. Antigen retrieval is not essential but may optimise staining. Place sample in 1X citrate buffer (pH 6.0) in pressure cooker under 125 °C for 4min and under 90 °C for 45min, cool sample subsequently.

## Target

<b>Function</b>	In the process of mRNA degradation, seems to play a role in mRNA decapping. Component of a complex containing DCP2 and DCP1A which functions in decapping of ARE-containing mRNAs. Promotes complex formation between DCP1A and DCP2. Enhances the catalytic activity of DCP2 (in vitro).
<b>Sequence similarities</b>	Belongs to the WD repeat EDC4 family. Contains 4 WD repeats.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Cytoplasm > P-body. Nucleus.

## Images



ab118323, at 3 ug/ml, staining EDC4 in formalin-fixed, paraffin-embedded Human tonsil tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EDC4 antibody (ab118323)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## 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 <http://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