

Product datasheet

Anti-EDC4 antibody ab118323

1 Image

Overview

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

Properties

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

Applications

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

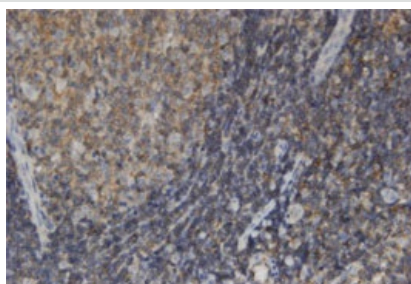
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Function	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).
Sequence similarities	Belongs to the WD repeat EDC4 family. Contains 4 WD repeats.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm > P-body. Nucleus.

Images



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

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

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