

ARG45510 anti-EDC4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes EDC4
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Specificity	EDC4
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	EDC4
Species	Human
Immunogen	Recombinant protein containing to human EDC4.
Conjugation	Un-conjugated
Alternate Names	EDC4; Enhancer Of MRNA Decapping 4; HEDLS; RCD-8; Ge-1; Human Enhancer Of Decapping Large Subunit; Enhancer Of MRNA-Decapping Protein 4; Autoantigen RCD-8; Autoantigen Ge-1; HEDL5; Hedls; RCD8; GE1

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	152 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

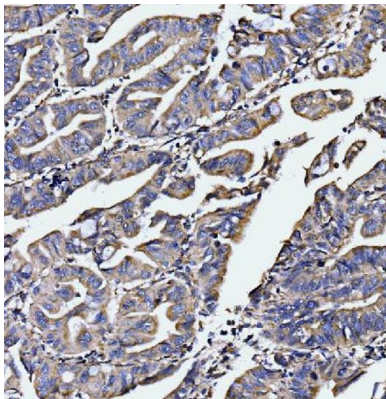
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

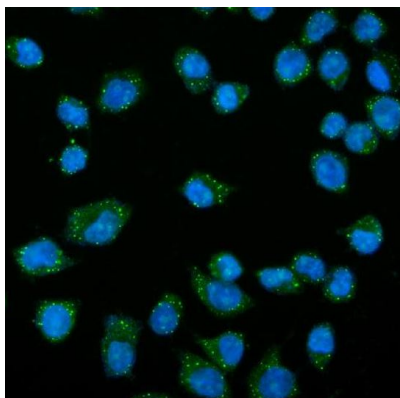
Gene Symbol	EDC4
Gene Full Name	Enhancer Of mRNA Decapping 4
Background	Predicted to be involved in deadenylation-independent decapping of nuclear-transcribed mRNA. Located in P-body and nucleoplasm. [provided by Alliance of Genome Resources, Feb 2025]
Function	In the process of mRNA degradation, seems 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). [UniProt]
Calculated Mw	152 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

Images



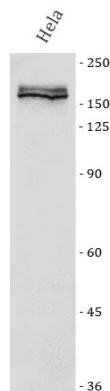
ARG45510 anti-EDC4 antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG45510 anti-EDC4 antibody at 2 µg/ml dilution.



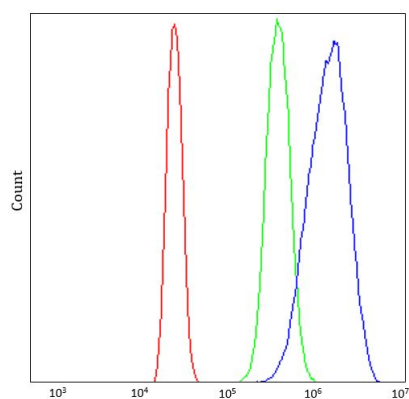
ARG45510 anti-EDC4 antibody ICC/IF image

Immunofluorescence: SiHa stained with ARG45510 anti-EDC4 antibody at 5 µg/ml dilution.



ARG45510 anti-EDC4 antibody WB image

Western blot: HeLa stained with ARG45510 anti-EDC4 antibody at 0.5 µg/ml dilution.



ARG45510 anti-EDC4 antibody FACS image

Flow Cytometry: HL-60 stained with ARG45510 anti-EDC4 antibody at 1 µg/10⁶ cells dilution.