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Datasheet for ABIN7504156 anti-CELF2 antibody

9 Images



Overview

Quantity:	100 µg
Target:	CELF2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CELF2 antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

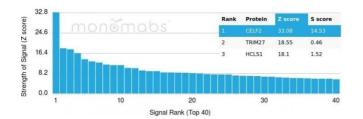
Immunogen:	Recombinant full-length human CELF2 protein
Isotype:	lgG2b
Specificity:	Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Alternative splicing results in multiple transcript variants encoding different isoforms.
Cross-Reactivity (Details):	Human.
Purification:	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.
Target Details	

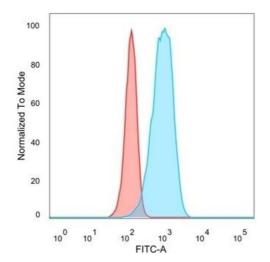
Target:

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CELF2

Target Details		
Alternative Name:	CELF2 (CELF2 Products)	
Background:	ETR3 ETR-3 NAPOR CELF-2 CUGBP2 BRUNOL3 CUG-BP2,CELF2 / CUGBP2 (RNA-binding	
	protein)	
	Cellular localisation: Nucleus	
Molecular Weight:	54kDa	
Gene ID:	10659, 309288	
UniProt:	095319	
Pathways:	Ribonucleoprotein Complex Subunit Organization	
Application Details		
Application Notes:	Positive Control: HeLa or MCF-7 cells.	
	Known Application: Flow Cytometry (1-2 μ g/million cells) Immunofluorescence (1-2 μ g/mL)	
	Optimal dilution for a specific application should be determined.	
Restrictions:	For Research Use only	
Handling		
Concentration:	200 µg/mL	
Buffer:	Prepared in 10 mM PBS with 0.05 % BSA and 0.05 % azide.	
Storage:	4 °C,-80 °C	
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. Non-hazardous. Also	
	available WITHOUT BSA & azide at 1.0mg/ml.	
Expiry Date:	24 months	





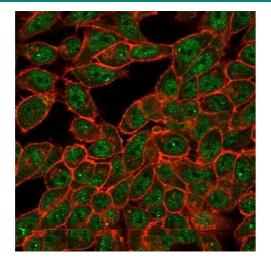
Protein Array

Image 1. Analysis of Protein Array containing more than 19,000 full-length human proteins using CELF2 Mouse Monoclonal Antibody (PCRP-CELF2-1E4). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.

Flow Cytometry

Image 2. Flow Cytometric Analysis of PFA-fixed HeLa cells. CELF2 Mouse Monoclonal Antibody (PCRP-CELF2-1E4) followed by goat anti-mouse IgG-CF488 (blue), unstained cells (red).

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Immunofluorescence

Image 3. Immunofluorescence Analysis of PFA-fixed HeLa cells. CELF2 Mouse Monoclonal Antibody (PCRP-CELF2-1E4) followed by goat anti-mouse IgG-CF488 (green). CF640A-phalloidin (red).

Please check the product details page for more images. Overall 9 images are available for ABIN7504156.