

ARG57121 anti-ZNF9 / CNBP antibody [38F10]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [38F10] recognizes ZNF9 / CNBP
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	38F10
Isotype	IgG2b, kappa
Target Name	ZNF9 / CNBP
Species	Human
Immunogen	Recombinant fragment around aa. 1-170 of Human ZNF9 / CNBP
Conjugation	Un-conjugated
Alternate Names	RNF163; ZCCHC22; PROMM; CNBP1; ZNF9; Zinc finger protein 9; CNBP; DM2; Cellular nucleic acid-binding protein

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	ICC/IF	Assay-dependent
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

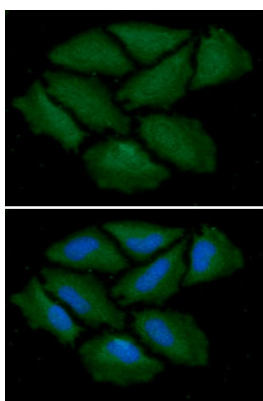
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 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. 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.

Bioinformation

Database links	GeneID: 7555 Human Swiss-port # P62633 Human
Gene Symbol	CNBP
Gene Full Name	CCHC-type zinc finger, nucleic acid binding protein
Background	This gene encodes a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. The protein functions in cap-independent translation of ornithine decarboxylase mRNA, and may also function in sterol-mediated transcriptional regulation. A CCTG expansion in the first intron of this gene results in myotonic dystrophy type 2. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Single-stranded DNA-binding protein, with specificity to the sterol regulatory element (SRE). Involved in sterol-mediated repression. [UniProt]
Calculated Mw	19 kDa
PTM	Arginine methylation by PRMT1 in the Arg/Gly-rich region impedes RNA binding.

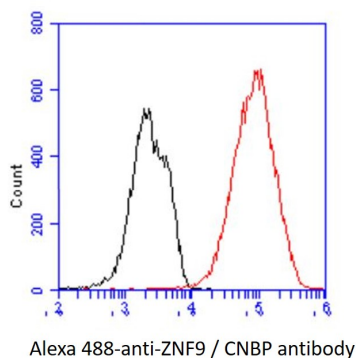
Images



ARG57121 anti-ZNF9 / CNBP antibody [38F10] ICC/IF image

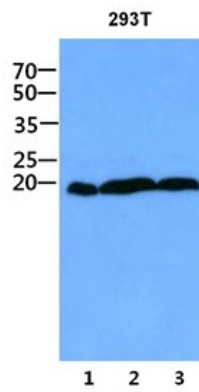
Immunofluorescence: HeLa cells line stained with ARG57121 anti-ZNF9 / CNBP antibody [38F10] at 1:100 (Green).

DAPI (Blue) for nucleus staining.



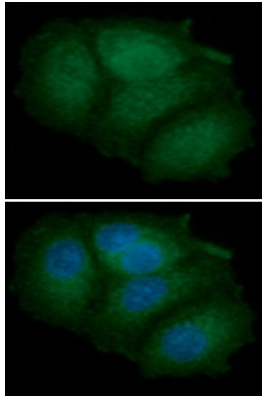
ARG57121 anti-ZNF9 / CNBP antibody [38F10] FACS image

Flow Cytometry: MCF7 cell line stained with ARG57121 anti-ZNF9 / CNBP antibody [38F10] at 2-5 μ g for 1×10^6 cells (red line).
Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate.
Isotype control antibody: Mouse IgG (black line).



ARG57121 anti-ZNF9 / CNBP antibody [38F10] WB image

Western blot: 30 µg of 293T cell lysate stained with ARG57121 anti-ZNF9 / CNBP antibody [38F10] at 1) 1:250, 2) 1:500, and 3) 1:1000.



ARG57121 anti-ZNF9 / CNBP antibody [38F10] ICC/IF image

Immunofluorescence: MCF7 cells line stained with ARG57121 anti-ZNF9 / CNBP antibody [38F10] at 1:100 (Green).

DAPI (Blue) for nucleus staining.