

miRNA Antagomir Negative Control

Catalog #	Source	Reactivity	Applications
CIJ0000	Synthetic	N/A	

Description Synthetic miRNA Antagomir negative control for experiments using targeted miRNA transfection

Specificity miRNA Antagomir are chemically synthesized, complementary, antisense single-stranded oligonucleotides to their target, endogenous mature miRNA. It effectively prevents the target miRNA to bind to normal cellular binding sites. Transfection of Antagomir followed by downstream gene expression analysis or phenotypic analysis, is performed to elucidate the targets and roles of particular miRNAs.

Form Lyophilized powder

Gene Symbol

Accession No.

Components This synthetic miRNA is based on the mature miRNA sequence. It does not contain the full precursor miRNA stem-loop.

Directions for Use Briefly centrifuge tubes containing miRNA antagomir to ensure that the miRNA pellet is located at the bottom of the tube. Dissolve miRNA antagomir to a convenient stock concentration using the recommended volume of DEPC H₂O (or RNase-free water). For example: dissolve 10 nmol miRNA antagomir to 20 μM using 500 μl DEPC H₂O (or RNase-free water). Pipette the solution up and down 3-5 times (or vortex briefly). Briefly centrifuge tubes containing miRNA antagomir to ensure that the solution is collected at the bottom of the tube. Aliquot the miRNA antagomir into small volumes and store at ≤ -20°C. miRNA antagomir is stable (for 6

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

months under the specified storage condition). For best results, use in 3 months and limit freeze-thaw events for each tube no more than five times.

Storage/Stability

Shipped at 4 °C. Store at -20 °C for one year. Avoid freeze-thaw cycles after reconstitution.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com