

CD63-1 aptamer sodium

Cat. No.:	HY-160050	
Target:	Others	
Pathway:	Others	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	CD63-1 aptamer (sodium)

BIOLOGICAL ACTIVITY

Description	CD63-1 aptamer sodium is a high-affinity and specific DNA aptamer targeting the CD63 protein (Kd: 38.71 nM). CD63-1 aptamer sodium efficiently binds to CD63-positive cells, including breast cancer MDA-MB-231 cells and CD63-overexpressing HEK293T cells, with moderate binding affinity (Kd~100 nM) as assessed by flow cytometry ^[1] .
IC ₅₀ & Target	Kd: 38.71 nM (CD63) ^[1]

REFERENCES

[1]. Song Z, Mao J, Barrero RA, Wang P, Zhang F, Wang T. Development of a CD63 Aptamer for Efficient Cancer Immunochimistry and Immunoaffinity-Based Exosome Isolation. *Molecules*. 2020 Nov 27;25(23):5585.

Caution: Product has not been fully validated for medical applications. For research use only.

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