

Product Data Sheet

Cat#:	AP-329-U
Cat#:	AP-329-B, Biotin labeled
Cat#:	AP-329-F, FITC labeled
Product Description:	Protective Antigen (PA) of Bacillus anthracis (MMS_128)
Aptamer Type:	Peptide
Sequence:	NWLCFTCGMDFIDPD; 15-mer
Size	5 mg
Mol. Wt:	1967.27 g/mole
Purity:	>95%
Affinity:	19.1 nM (reported value)
Comments:	71.6% Binding to 150 nM PA. The clone with the highest binding percentage was MMS_128 at 89.8% (Kd=54.9 nM).
Notes:	A consensus motif WXCFTC was found using the MMS and was also found in one of the PA binders isolated by the conventional MACS/FACS approach.
References:	Kogot et al. "Screening of Peptide Libraries against Protective Antigen of Bacillus anthracis in a Disposable Microfluidic Cartridge." PloS One, 6(11): e26925. doi:10.1371/journal.pone.0026925

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