ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Cat#: AP-327-U
Cat#: AP-327-B, Biotin labeled
Cat#: AP-327-F, FITC labeled

Product Description: Nestin Protein expressed in Brain Tumors (clone 17)

Aptamer Type: Peptide

Sequence: AQYLNPS; 7-mer

Size 5 mg

Mol. Wt: 837.98 g/mole

Purity: >95%

Affinity: n/a

Comments: n/a

Notes: Peptide showed selective binding affinity for many undifferentiated GSCs using in vitro phage display technology. GSCT peptide binds to isotypes of Nestin proteins specifically expressed in GSCs, enabling it to target Nestin-positive cells in human glioblastoma tissues.

References: Beck et al. "Indentification of a peptide that interacts with Nestin protein expressed in brain cancer cells." Biomaterials, 32(2011): 8518-8528.

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