ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Cat#: AP-306-U
Cat#: AP-306-B, Biotin labeled
Cat#: AP-306-F, FITC labeled

Product Description: Human Colorectal Cancer WiDr Cell Line (HEW-K16)

Aptamer Type: Peptide

Sequence: HEWSYLAPYPWFK; 13-mer

Size 5 mg

Mol. Wt: 1878.16 g/mole

Purity: >95%

Affinity: n/a

Comments: n/a

Notes: WiDr cell binding of the selected phage was efficiently competed by the synthetic peptide HEWSYLAPYPWF, predicted from the phage sequence. This confirms that the specificity of the peptide is independent of the display by the phage coat proteins.

References: Rasmussen et al. "Tumor cell-targeting by phage-displayed peptides." Cancer Gene Therapy, 9(2002): 606-612

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