ALPHA DIAGNOSTIC INTERNATIONAL

# Product Data Sheet

**Cat#:** **AP-313-U**

**Cat#:** **AP-313-B**, Biotin labeled

**Cat#:** **AP-313-F**, FITC labeled

**Product Description:** Human Breast Cancer Xenografts (RGD-4C)

**Aptamer Type**: Peptide

**Sequence**: CDCRGDCFC; 9-mer

**Size** **1 mg**

**Mol. Wt:** 1103.34 g/mole

**Purity:** >95%

**Affinity:** n/a

**Comments:** n/a

**Notes:** Enhanced the efficacy of the drug against human breast cancer xenografts in nude mice and also reduced its toxicity.

**References**: Arap et al. "Cancer Treatment by Targeted Drug Delivery to Tumor Vasculature in a Mouse Model." Science, 279(1998): 377-380.

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