ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Cat#:	**AP-309-U**	**Size: 5 mg**
Cat#:	**AP-309-B**, Biotin labeled	**Size: 1 mg**
Cat#:	**AP-309-F**, FITC labeled	**Size: 1 mg**

Product Description: EphA2 Receptor (YSA peptide)

Aptamer Type: Peptide

Sequence: YSAYPDSVPMMS; 12-mer

Size 5 mg (AP-309-U); 1 mg (AP-309-B, AP-309-F)

Mol. Wt: 1573.4 g/mole

Purity: >95%

Affinity: 186 nM (reported value)

Comments: n/a

Notes: Peptide has ephrin-like activity that it stimulates EphA2 tyrosine phosphorylation and signaling. Furthermore, this peptide can deliver phage particles to endothelial and tumor cells expressing EphA2

References: Koolpe et al. "An Ephrin Mimetic Peptide That Selectively Targets the EphA2 Receptor." The Journal of Biological Chemistry, 277(2002): 46974-46979.

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