
Product Data Sheet

Product Name: Anti-human ErbB2 aptamer, Janelia Fluor® 646 conjugate
Cat. No.: GC50500

Chemical Properties

Cas. No.

Formula M.Wt 15126.9

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

High affinity anti-human ErbB2 aptamer conjugated to Janelia Fluor® 646 (Kd = 13 nM). Exhibits high affinity and specificity for ErbB2. Displays dense labeling of the stained structures. Suitable for use in super-resolution microscopy techniques. For optimal binding, aptamers require refolding into their tertiary structure prior to use. Please refer to the protocol for information regarding refolding.

Pala et al (2014) Tumor-specific hyperthermia with aptamer-tagged superparamagnetic nanoparticles. Int.J.Nanomedicine 9 67 PMID:24379664

Caution: Product has not been fully validated for medical applications. For research use only.

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