

Catalog Number: rb2AF647

3 Publications

Basic Information

Catalog Number:
rb2AF647**Applications:**
IF, IHC, ICC**Host:**
Alpaca**Conjugate:**
Alexa Fluor® 647**Type :**

Nanobody

Class:

Recombinant

RRID:

AB_2827577

Description

anti-RFP VHH/ Nanobody conjugated to fluorophore for IF, of mCherry and other red fluorescent protein-fusion proteins

Specificity/Target

mCherry, mPlum, mRFP, mRFPruBy, mKate2

For the complete list, please click here: [Fluorescent protein specificity table Nano-Booster](#)

Physical State

Liquid

Suggested Dilution

IF/ICC/IHC: 1:500- 1:1,000

DOL

2 fluorophores per Nanobody

Affinity (K_D)

Dissociation constant K_D of 5nM

Storage

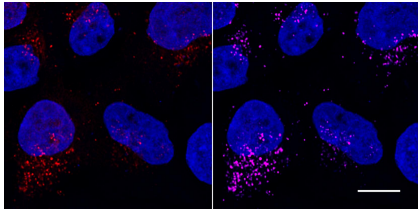
Storage:

Shipped at ambient temperature. Store at -20°C/-4°F. Stable for 6 month. Protect from light.

Storage Buffer:

10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA
Preservative: 0.09% Sodium azide

Selected Validation Data



Confocal images of HeLa cells transiently transfected with LC3B-mCherry (red) and immunostained with RFP-Booster Alexa Fluor 647 (magenta). Nuclei were stained with DAPI (blue). Scale bar, 10 μm . Images were recorded at the Core Facility Bioimaging at the Biomedical Center, LMU Munich.