

For Research Use Only

Spot-Label® Alexa Fluor® 647



www.ptgcn.com

Catalog Number: **ebAF647**

Basic Information

Catalog Number:
ebAF647

Applications:
IF

Host:
Alpaca

Conjugate:
Alexa Fluor® 647

Type:
Nanobody; Primary antibody

Class:
Recombinant

RRID:
AB_2889376

Description

anti-Spot-Tag VHH/ Nanobody conjugated to fluorescent dye for immunofluorescence, microscopy, and immunoblotting of Spot-tagged proteins.

Specificity/Target

Spot-Tag® (PDRVRAVSHWSS)

Physical State

Liquid

Suggested Dilution

IF: 1:800

DOL

1 fluorophore per bivalent Nanobody, site-directed conjugation

Affinity (K_D)

Dissociation constant K_D of 6 nM

Storage

Storage:

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

Storage Buffer:

PBS, 5 mM EDTA, preservative: 0.09 % sodium azide

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

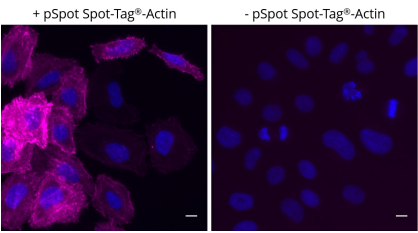
W: www.ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

	Spot-Trap	Spot-Cap	Spot-Label	Spot V _H H
Immunoprecipitation (IP) / Co-IP / Co-IP/MS	✓			
Protein purification		✓		
Western Blotting			✓	✓
Immunofluorescence			✓	✓

SPOT tag related products



Left: HeLa cells transiently expressing pSpot Spot-Tag?-Actin (ev-31) were immunostained with Spot-Label? Alexa Fluor? 647 (magenta, ebAF647, 1:800) and DAPI (blue). Right: Control staining, no background noise; HeLa cells without pSpot Spot-Tag?-Actin expression were immunostained with Spot-Label? Alexa Fluor? 647 (magenta, ebAF647, 1:800) and DAPI (blue). Scale bar, 10 μ m. Images were acquired with the Thermo Scientific CellInsight CX7, 20X objective.