

Catalog Number: ebAF568

4 Publications

Basic Information

Catalog Number:
ebAF568**Applications:**
IF**Host:**
Alpaca**Conjugate:**
Alexa Fluor® 568**Type :**

Nanobody

Class:

Recombinant

RRID:

AB_2889375

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.

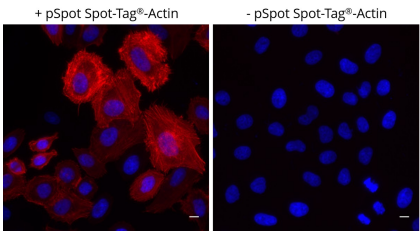
Storage Buffer:

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

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? 568 (red, ebAF568, 1:800) and DAPI (blue). Right: Control staining with Spot-Label? Alexa Fluor? 568 (red, ebAF568, 1:800) and DAPI (blue) of untransfected HeLa cells showing no unspecific background. Scale bar, 10 μ m. Images were acquired with the Thermo Scientific CellInsight CX7, 20X objective.