

For Research Use Only

# anti HA-Label, CoraLite® Plus 647



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Catalog Number: **hbCL647**

## Basic Information

**Catalog Number:**  
hbCL647

**Applications:**  
IF, WB

**Host:**  
Alpaca

**Conjugate:**  
CoraLite® Plus 647

**Type:**  
Nanobody

**Class:**  
Recombinant

**RRID:**  
AB\_3665419

**Molecular Weight:**  
28.5 kDa

## Description

Bivalent anti-HA-Tag VHH (Nanobody) that is conjugated to fluorescent dyes for immunofluorescence, microscopy, and immunoblotting of HA-tagged proteins.

## Affinity

1:1 affinity 6 nM C-term. HA, 180 nM N-term. HA. But higher in IF and WB owing to its bivalent format and hence avidity effects

## Excitation/Emission Maxima Wavelengths

654 nm / 674 nm

## Storage

**Storage Buffer:**  
10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA, 0.09% sodium azide

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

T: 4006900926

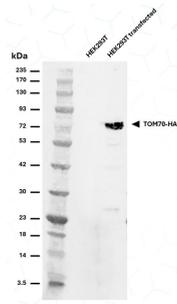
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)  
W: [www.ptgcn.com](http://www.ptgcn.com)

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## Selected Validation Data



Immunofluorescence with anti-HA-Label, CoraLite® Plus 647 (hbCL647, 1:500, magenta) visualizes HA-tagged Vimentin, transiently expressed in HeLa cells. Nuclei are stained with DAPI (cyan). Confocal images were acquired with a 63x oil objective and post-processed.



Western Blot with HA-Label (hbCL488, 1:500) targeting HA-labeled TOM70 (black). Tested on HEK293T lysate and HEK293T transfected with TOM70-HA (Protein ladder: PL00002)