

For Research Use Only

anti HA-Label, CoraLite® Plus 488



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Catalog Number: **hbCL488**

Basic Information

Catalog Number:
hbCL488

Applications:
IF, WB

Host:
Alpaca

Conjugate:
CoraLite® Plus 488

Type:
Nanobody

Class:
Recombinant

RRID:
AB_3665417

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

500 nm / 520 nm

Storage

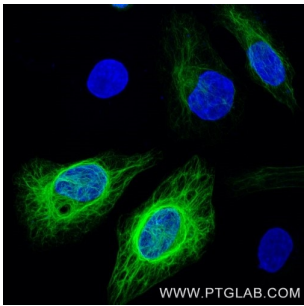
Storage Buffer:
10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA, 0.09% sodium azide

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

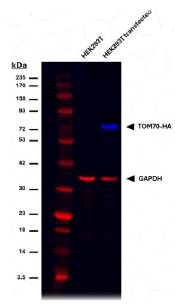
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1(312) 455-8498 (outside USA) W: www.ptglab.com

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

Selected Validation Data



Immunofluorescence with anti-HA-Label, CoraLite® Plus 488 (hbCL488, 1:500, green) visualizes HA-tagged Vimentin, transiently expressed in HeLa cells. Nuclei are stained with DAPI (blue). Confocal images were acquired with a 63x oil objective and post-processed.



Multiplex Western Blot with HA-Label (hbCL488, 1:500) targeting HA-labeled TOM70 (blue) and CoraLite®647-conjugated GAPDH (Human Specific) Recombinant antibody (red) 1:500; PTG CL647-80570. Tested on HEK293T lysate and HEK293T transfected with TOM70-HA (Protein ladder: PL00002)