

For Research Use Only

anti-LAG3 recombinant VHH, CoraLite® Plus 555



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Catalog Number: CL555-lt

Basic Information

Catalog Number:
CL555-lt

Applications:
FC, IF

Host:
Alpaca

Conjugate:
CoraLite® Plus 555

Type:
Nanobody

Class:
Recombinant

RRID:
AB_3101917

Molecular Weight:
15.141 kDa

Description

CL555-lt targets LAG3 in FC and IF applications and shows reactivity with Human samples.

Affinity

Picomolar range, below the assay limit (biolayer interferometry)

Excitation/Emission Maxima Wavelengths

554 nm / 570 nm

Storage

Storage:
Store at -20°C; Shipped at ambient temperature.

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

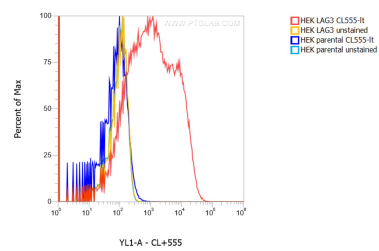
For technical support and original validation data for this product please contact:

T: 4006900926

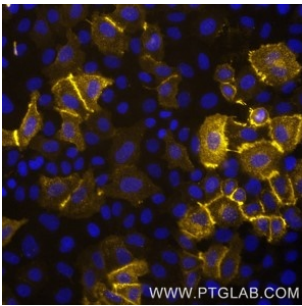
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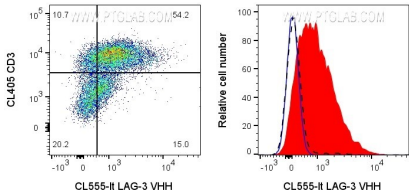
Selected Validation Data



1x10⁶ HEK LAG3 transient transfected cells (red) and HEK parental cells were surface stained with 0.25 µg CoraLite® Plus 555 conjugated-LAG3 VHH (CL555-lt). Cells were not fixed.



Live HeLa cells transfected with human LAG3 were immunostained with CoraLite® Plus 555 conjugated-LAG3 VHH (CL555-lt, 1:500, yellow). Cells were fixed and nuclei were stained with DAPI (blue). Epifluorescence images were acquired with a 20x objective and post-processed. Note: Immunostaining with CL555-lt can also be performed after formaldehyde fixation of the cells.



Left: 1x10⁶ PHA-treated (3d) human PBMCs were surface stained with 1ug CoraLite® Plus 555 conjugated LAG-3 VHH (CL555-lt) and CL405 CD3 (CL405-65151). Right: 1x10⁶ PHA-treated (3d) human PBMCs were surface stained with 1ug CoraLite® Plus 555 conjugated LAG-3 VHH (CL555-lt) (red) or unstained (blue). 1x10⁶ untreated human PBMCs were surface stained with 1ug CoraLite® Plus 555 conjugated LAG-3 VHH (CL555-lt) (black dashed). Cells were treated with FC Receptor Block prior to staining. Cells were not fixed. Lymphocytes were gated.