

For Research Use Only

anti-TIM3 recombinant VHH, FITC Plus



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Catalog Number: FITC-tmt

Basic Information

Catalog Number:
FITC-tmt

Applications:
FC, IF

Host:
Alpaca

Conjugate:
FITC Plus

Type :
Nanobody

Class:
Recombinant

RRID:
AB_3101923

Molecular Weight:
14.824 kDa

Description

FITC-tmt targets TIM3 in FC and IF applications and shows reactivity with Human samples.

Affinity

Picomolar range, below the assay limit (biolayer interferometry)

Excitation/Emission Maxima Wavelengths

495 nm / 524 nm

Storage

Storage:

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

Storage Buffer:

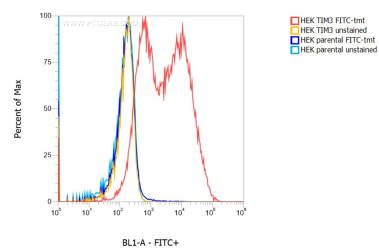
500 mM NaCl, 10 mM HEPES pH 7.0, 5 mM EDTA, 0.09% sodium azide

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

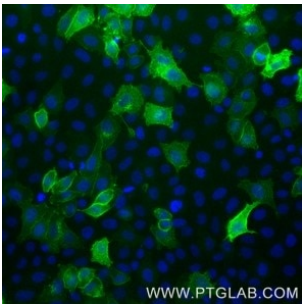
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1(312) 455-8498 (outside USA) W: www.ptglab.com

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

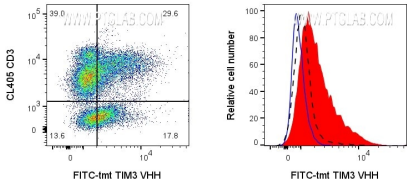
Selected Validation Data



1X10⁶ HEK TIM3 transient transfected cells (red) and HEK parental cells were surface stained with 0.5 μ g FITC Plus-conjugated TIM3 VHH (FITC-tmt). Cells were not fixed.



Live HeLa cells transfected with human TIM-3 were immunostained with FITC Plus-conjugated TIM3 VHH (FITC-tmt, 1:1000, green). Cells were fixed and nuclei were stained with DAPI (blue). Epifluorescence images were acquired with 20 $\times$ objective and post-processed. Note: Immunostaining with FITC-tmt can also be performed after formaldehyde fixation of the cells.



Left: 1x10⁶ PHA-treated (3d) human PBMCs were surface stained with 1 μ g FITC Plus conjugated TIM-3 VHH (FITC-tmt) and CL405 CD3 (CL405-65151). Right: 1x10⁶ PHA-treated (3d) human PBMCs were surface stained with 1 μ g FITC Plus conjugated TIM-3 VHH (FITC-tmt) (red) or unstained (blue). 1x10⁶ untreated human PBMCs were surface stained with 1 μ g FITC Plus conjugated TIM-3 VHH (FITC-tmt) (black dashed). Cells were treated with FC Receptor Block prior to staining. Cells were not fixed. Lymphocytes were gated.