

For Research Use Only

anti-IFN γ recombinant VHH, CoraLite® Plus 647



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Catalog Number: CL647-IFN γ

Basic Information

Catalog Number:
CL647-IFN γ

Applications:
IF, FC

Host:
Alpaca

Conjugate:
CoraLite® Plus 647

Type:
Nanobody

Class:
Recombinant

RRID:
AB_3665386

Molecular Weight:
14.8 kDa

Description

CL647-IFN γ is a recombinant CoraLite® Plus 647 conjugated anti IFN γ Nanobody (VHH) that targets IL6 in IF and FC applications, showing reactivity with human samples.

Affinity

Picomolar range, below the assay limit (biolayer interferometry)

Excitation/Emission Maxima Wavelengths

654 nm / 674 nm

Background

IFN gamma (IFN γ) is a soluble cytokine that is the only member of the type II class of IFN. It is secreted by Th1 cells, cytotoxic T cells and NK cells. The cytokine is associated with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. It plays crucial roles in pathogen clearance. Aberrant IFN γ expression is associated with a number of autoinflammatory and autoimmune diseases. It has been identified in many studies as a biomarker for pleural tuberculosis (TB).

Storage

Storage:
Store at -20°C

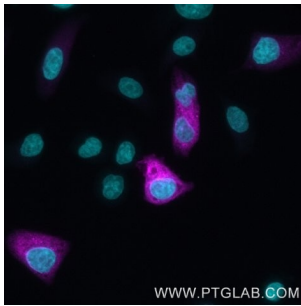
Storage Buffer:
10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA, 0.09% sodium azide

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
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



HeLa cells transiently transfected with human IFN γ were immunostained with anti-IFN γ recombinant VHH, CoraLite® Plus 647 (CL647-IFN γ , magenta). Nuclei are in cyan. Cells were treated with Brefeldin A and Monensin for 6 hours.