

For Research Use Only

anti-IFN γ recombinant VHH, CoraLite® Plus 488



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Catalog Number: CL488-IFN γ

Basic Information

Catalog Number:
CL488-IFN γ

Applications:
IF, FC

Host:
Alpaca

Conjugate:
CoraLite® Plus 488

Type:
Nanobody

Class:
Recombinant

RRID:
AB_3665384

Molecular Weight:
14.8 kDa

Description

CL488-IFN γ is a recombinant CoraLite® Plus 488 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

500 nm / 520 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

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