

Catalog Number: FITC-IFN γ

Basic Information

Catalog Number:
FITC-IFN γ **Applications:**
IF, FC**Host:**
Alpaca**Conjugate:**
FITC Plus**Type:**

Nanobody

Class:

Recombinant

RRID:

AB_3665970

Molecular Weight:

14.8 kDa

Description

FITC-IFN γ is a recombinant FITC Plus 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

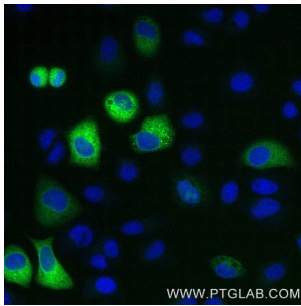
Storage:

Store at -20°C

Storage Buffer:

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

Selected Validation Data



HeLa cells transiently transfected with human IFN γ were immunostained with anti IFN γ recombinant VHH, FITC Plus (FITC-IFN γ , green). Nuclei are in blue. Cells were treated with Brefeldin A and Monensin for 6 hours.