

For Research Use Only

anti-IFN γ recombinant VHH, for NHS conjugation



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Catalog Number: IFNgNHS

Basic Information

Catalog Number:
IFNgNHS

Applications:
Conjugation

Host:
Alpaca

Conjugate:
Unconjugated

Type:
Nanobody

Class:
Recombinant

RRID:
AB_3665971

Molecular Weight:
14.4 kDa

Description

IFNgNHS is an unconjugated recombinant anti IFN γ Nanobody (VHH). Suitable for NHS conjugation.

Affinity

Picomolar range, below the assay limit (biolayer interferometry)

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, 0.09% sodium azide

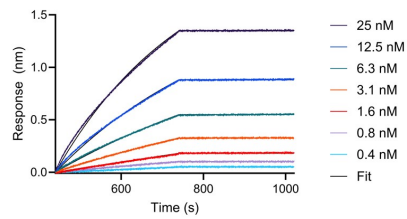
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Selected Validation Data



BLI analysis of the interaction between varying concentrations of anti-IFN γ VHH (IFN γ NH5) and immobilised, biotinylated HumanKine Interferon γ (HZ-1301). Fit indicates fitting of data to a 1:1 binding model.