

IFNAR1 MAB (ANIFROLUMAB)

Cat.#: 28115

Product Name: Anti-IFNAR1(Anifrolumab) Monoclonal Antibody

Synonyms: IFN-R-1;CRF2-1;IFNAR

Description: Anti-IFNAR1(anifrolumab) Monoclonal Antibody

Background: Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.

Applications: ELISA; Flow Cyt

Recommended Dilutions: ELISA 1:5000-10000; Flow Cyt 1:100

Host Species: Homo sapiens

Isotype: IgG1

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human IFNAR1

Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Anti-IFNAR1 (anifrolumab biosimilar) mAb ELISA

0.1 μ g of Human IFNAR1, His tagged protein per well

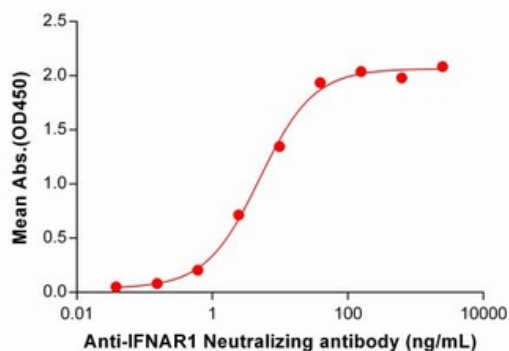


Figure 1. ELISA plate pre-coated by 1 μ g/mL (100 μ l/well) Human IFNAR1 Protein, His Tag 11692 can bind Anti-IFNAR1 Neutralizing antibody (28115) in a linear range of 0.61–39.06 ng/mL.

Anti-IFNAR1 (anifrolumab biosimilar) mAb ELISA

0.2 μ g of Human IFNAR1, hFc tagged protein per well

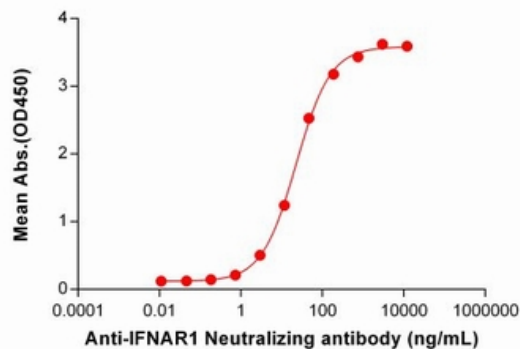


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ l/well) Human IFNAR1 Protein, hFc Tag (11561) can bind Anti-IFNAR1 Neutralizing antibody (28115) in a linear range of 0.73–187.50 ng/mL. In order to specifically detect 28115, mouse anti-human Fab-specific antibody was used as detection antibody.

Anti-IFNAR1 (anifrolumab biosimilar) mAb ELISA

0.2 μ g of Human IFNAR1, mFc tagged protein per well

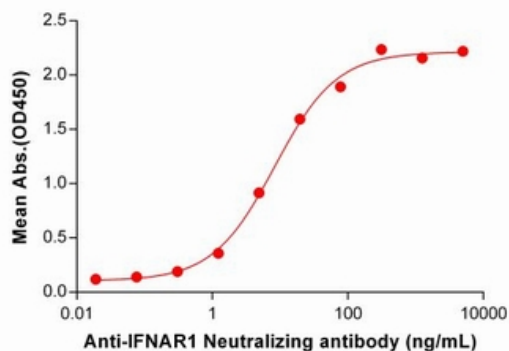


Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ l/well) Human IFNAR1 Protein, mFc Tag 11526 can bind Anti-IFNAR1 Neutralizing antibody (28115) in a linear range of 1.22–312.50 ng/mL.

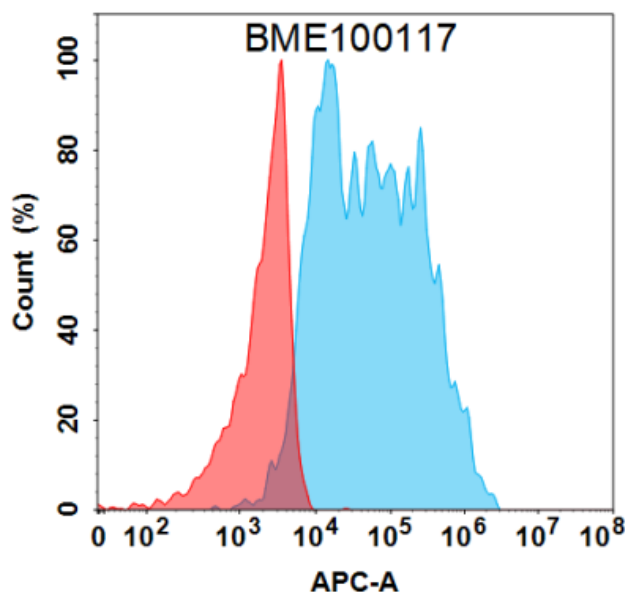


Figure 4. Flow cytometry analysis with 1 μ g/mL Anti-IFNAR1 (anifrolumab biosimilar) mAb (28115) on Expi293 cells transfected with Human IFNAR1 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).