

PRODUCT INFORMATION

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|---|---|
| Common Name | MDX-1333, MEDI-546, anifrolumab-fnia |
| Synonyms | IFN-R-1;CRF2-1;IFNAR |
| Conjugate | Unconjugated |
| Applications | ELISA; Flow Cyt |
| Endotoxin | Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization. |
| Recommended Dilutions | ELISA 1:5000-10000; Flow Cyt 1:100 |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Host Species | Homo sapiens |
| IgG type | Human IgG1 - kappa |
| Reactivity | Human |
| Target | IFNAR1 |
| Uniprot ID | P17181 |
| Description | Anti-IFNAR1(anifrolumab biosimilar) mAb |
| Delivery | In Stock |
| 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). Lyophilized proteins are shipped at ambient temperature. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use. |
| Background | Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals. |
| Usage | Research use only |



Anti-IFNAR1 (anifrolumab biosimilar) mAb ELISA

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

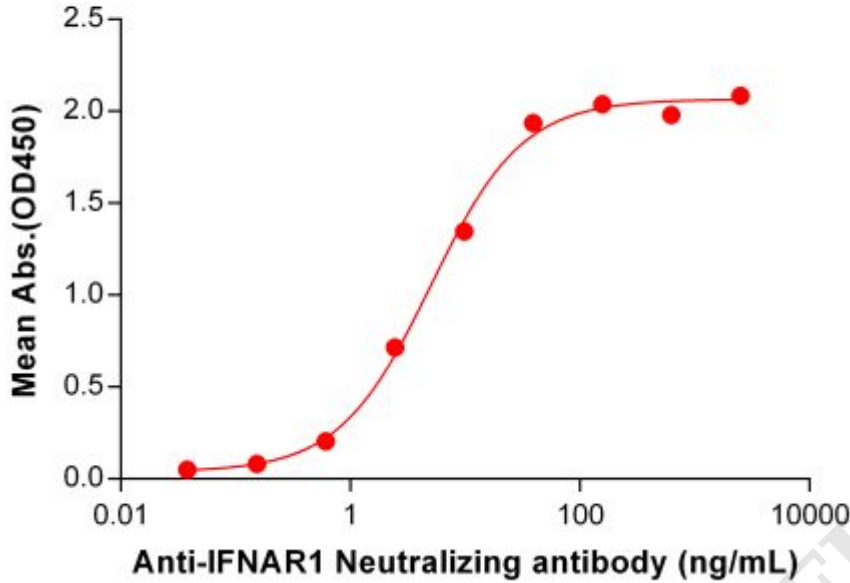


Figure 1. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Human IFNAR1 Protein, His Tag ([getskuurl sku="PME100958"]) can bind Anti-IFNAR1 Neutralizing antibody (BME100117) in a linear range of 0.61–39.06 ng/mL.

Anti-IFNAR1 (anifrolumab biosimilar) mAb ELISA

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

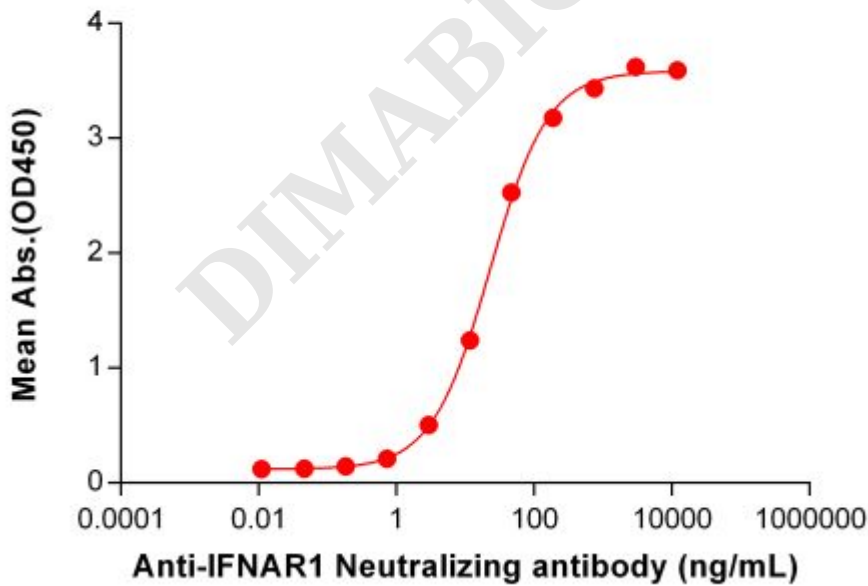


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human IFNAR1 Protein, hFc Tag (PME100773) can bind Anti-IFNAR1 Neutralizing antibody (BME100117) in a linear range of 0.73–187.50 ng/mL. In order to specifically detect BME100117, mouse anti-human Fab-specific antibody was used as detection antibody.



Anti-IFNAR1 (anifrolumab biosimilar) mAb ELISA

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

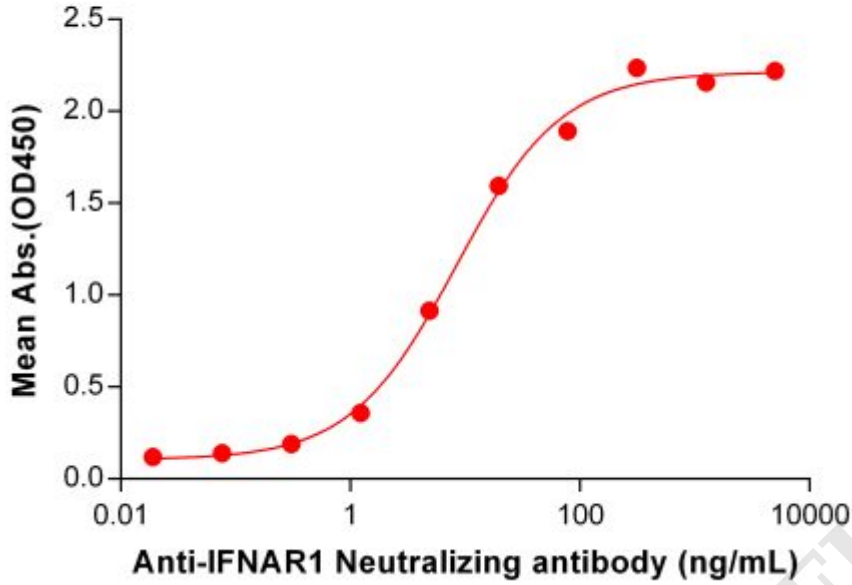


Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human IFNAR1 Protein, mFc Tag ([getskuurl sku="PME100737"]) can bind Anti-IFNAR1 Neutralizing antibody (BME100117) in a linear range of 1.22–312.50 ng/mL.

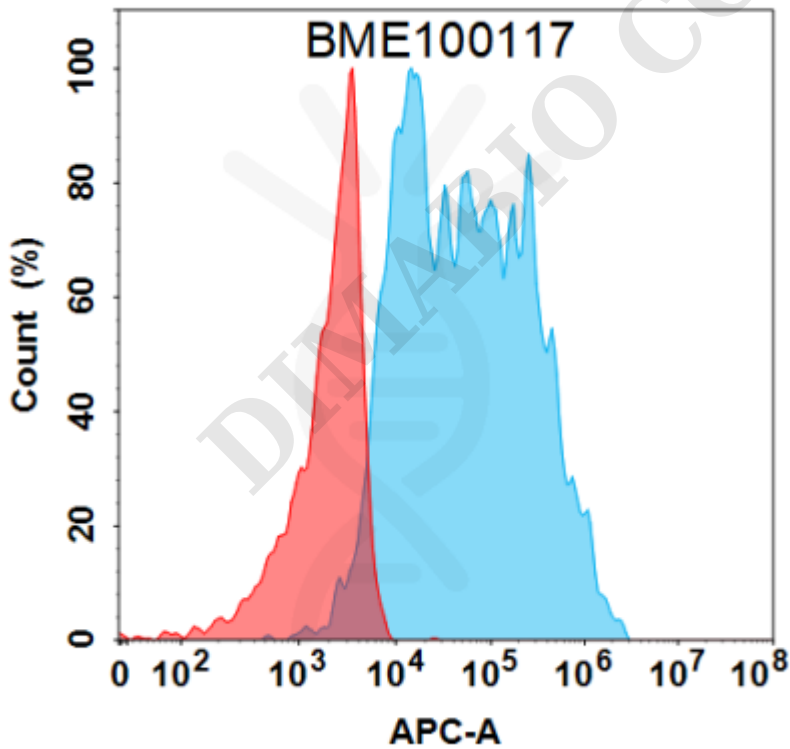


Figure 4. Flow cytometry analysis with 1 μ g/mL Anti-IFNAR1 (anifrolumab biosimilar) mAb (BME100117) on HEK293 cells transfected with Human IFNAR1 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

