

## 12-9150: Anti-GM-CSF(plonmarlimab biosimilar) mAb

<b>Clonality :</b>	Monoclonal
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Human
<b>Uniprot ID :</b>	P04141
<b>Alternative Name :</b>	CSF, CSF2
<b>Isotype :</b>	IgG1

### Description

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

### Product Info

<b>Amount :</b>	50 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Not Sterile
<b>Storage condition :</b>	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.

### Application Note

ELISA 1:5000-10000, FACS 1:100

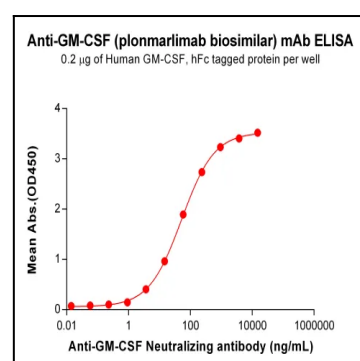


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human GM-CSF Protein, hFc Tag can bind Anti-GM-CSF Neutralizing antibody in a linear range of 0.92-937.50 ng/mL. In order to specifically detect the Anti-GM-CSF Neutralizing antibody, mouse anti-human Fab-specific antibody was used as detection antibody.

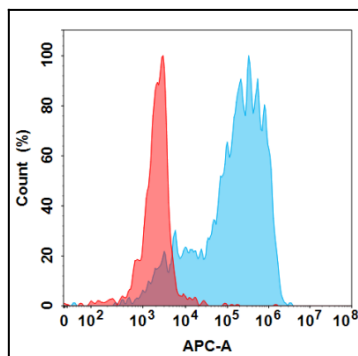


Figure 2. Flow cytometry analysis under cell membrane permeable condition with 1  $\mu$ g/mL Anti-GM-CSF (plonmarlimab biosimilar) mAb on Expi293 cells transfected with Human GM-CSF protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).