

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

Clonality :MonoclonalApplication :ELISAReactivity :HumanUniprot ID :P04141Alternative Name :CSF, CSF2Isotype :IgG1

## Description

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

Product Info	
Amount :	50 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Not Sterile Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended
Storage condition :	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  $\hat{l}_{4g}/mL$  (100  $\hat{l}_{4L}/well$ ) 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.

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Figure 2. Flow cytometry analysis under cell membrane permeable condition with 1  $\hat{l}_{4}$ 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).