PGF
Mouse Anti-Human PlGF Clone 178/G10 mAb

Catalog No.	CMP110	**Quantity:**	100 µg

Alternate Names: Placental growth factor, PlGF, PLGF1, PGF

Description: Monoclonals were produced by immunizing BALB/c mice with Recombinant Human PlGF -2 (produced in Insect cells) as the immunizing antigen. Mouse IgG1 antibody Clone 178/G10 produced by hybridomas was purified from cell culture supernatant by Protein G Chromatography.

Gene ID: 5228

Specificity: Recognizes Recombinant Human PlGF and PlGF-2

Host: Mouse

Immunogen: Recombinant Human PlGF-2 dimer

Isotype: IgG1

Clone: 178/G10

Formulation: Lyophilized from PBS, pH 7.4. No preservatives and carrier-free.

Purification: Protein G chromatography

Reconstitution: **Centrifuge vial prior to opening**. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1.0 mg/ml.

Applications: ELISA: Use at 1-2 µg/ml
Western Blot: Use at 1-2 µg/ml (reducing and non-reducing)
IP: Use at 1-2 µg/ml

Application Notes: The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Lyophilized product is stable at room temperature, but best stored desiccated below 0°C. Reconstituted antibody is stable at 2-4°C for >6 months or in working aliquots at -20°C for 1 year. **Avoid repeated freeze-thaw cycles**.

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