

Anti-Human IL-12, Clone AW-1 Monoclonal Antibody

- Catalog No:** CMI024 **Size:** 0.5 mg/vial
- Isotype:** Mouse IgG1
- Production:** *In vitro* using serum free medium.
- Purification:** Ion exchange chromatography.
- Packaging:** Lyophilized and vacuum-packed.
- Buffer:** Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
- Specificity:** Binds with high affinity to and neutralizes both natural and recombinant human IL-12p70 *in vitro*.
- Activity:** > 103 neutralizing units/mg protein.
- Neutralizing unit:** One neutralizing unit is defined as the amount of antibodies sufficient to inhibit 50% of the release of IFN-gamma by human PBMC (2x10⁵ cells/well) stimulated with 1 ng human IL-12.
- Sterility:** Membrane filtered (0.2 µm).
- Reconstitution:** Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
- Stability:** Lyophilized product is stable for at least one year at 4°C. After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodium azide to prevent bacterial growth.
- Quantitation:** The concentration of protein was determined by the Bio-Rad protein assay using bovine IgG as a standard.
- Application:** *In vitro* neutralization

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