

Data sheet **Monoclonal antibody to human interleukin 12/23p40 (IL-12/23p40)**

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| Cat. No.: | CT275 |
| Clone: | AW-1 |
| Isotype: | Mouse IgG ₁ |
| Production: | <i>In vitro</i> using serum free medium. |
| Purification: | Ion exchange chromatography. |
| Packaging: | Lyophilized and vacuum-packed. |
| Contents: | 0.5 mg/vial |
| 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 via the p40 subunit <i>in vitro</i> . Binds with high affinity to both natural and recombinant human IL-23 via the p40 subunit <i>in vitro</i> . |
| Activity: | ≥ 10 ³ 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-γ by human PBMC (2x10 ⁵ 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 (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodiumazide to prevent bacterial growth. |
| Quantitation: | Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution. |
| Application: | <i>In vitro</i> neutralization |



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