**DESCRIPTION**

Species Reactivity: Human

Specificity: Detects chimeric proteins containing a human IgG Fc region in direct ELISAs and Western blots.

Source: Monoclonal Mouse IgG1, Clone # 97924

Purification: Protein A or G purified from hybridoma culture supernatant

Immunogen: Mouse myeloma cell line NSO-derived recombinant human IgG1 Fc region

Formulation: Lyophilized from a 0.2 μm filtered solution in PBS and NaCl with Trehalose. See Certificate of Analysis for details.

*Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

**APPLICATIONS**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Recommended Concentration</th>
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<tbody>
<tr>
<td>Western Blot</td>
<td>1 μg/mL Recombinant Human IgG Fc region under non-reducing conditions only</td>
</tr>
<tr>
<td>Flow Cytometry</td>
<td>0.25 μg/10^6 cells See Below</td>
</tr>
<tr>
<td>CyTOF-ready</td>
<td>Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.</td>
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</table>

**DATA**

Detection of IgG1 Fc in Human B7-H1/PD-L1 Fc Chimera Bound to HEK293 Human Cell Line Transfected with Human PD-1 and eGFP by Flow Cytometry. (A) Recombinant Human B7-H1/PD-L1 Fc Chimera (Catalog # 156-B7) bound to HEK293 human embryonic kidney cell line transfected with human PD-1 and eGFP was stained with Mouse Anti-Human IgG Fc Monoclonal Antibody (Catalog # MAB110) followed by APC-conjugated Goat anti-Mouse IgG Secondary Antibody (Catalog # F0101B). (B) In the absence of mAb7-H1/PD-L1 Fc Chimera, HEK293 human embryonic kidney cell line transfected with human PD-1 and eGFP was stained with Mouse Anti-Human IgG Fc Monoclonal Antibody (Catalog # MAB110) followed by APC-conjugated Goat anti-Mouse IgG Secondary Antibody (Catalog # F0101B). View our protocol for Staining Membrane-associated Proteins.

**PREPARATION AND STORAGE**

Reconstitution: Reconstitute at 0.5 mg/mL in sterile PBS.

Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.