Anti-Human IL12A Antibody [K92010_1E2]

Catalog No. K92010U01E02C

Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Anti-Human IL12A Antibody [K92010_1E2]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antibody specificity</td>
<td>Interleukin-12A (IL-12A)</td>
</tr>
<tr>
<td>Species reactivity</td>
<td>Human</td>
</tr>
<tr>
<td>Clonality</td>
<td>Monoclonal</td>
</tr>
<tr>
<td>Clone number</td>
<td>K92010_1E2</td>
</tr>
<tr>
<td>Host / isotype</td>
<td>Mouse IgG with unknown isotype</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Recombinant human IL-12A</td>
</tr>
<tr>
<td>Cross reactivity</td>
<td>Not tested</td>
</tr>
<tr>
<td>Kinetic characterization by BLI (biolayer interferometry)</td>
<td>Not tested</td>
</tr>
<tr>
<td>Purification</td>
<td>Protein A purified from cell culture supernatants</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Concentration</td>
<td>1 mg/mL in phosphate buffered saline containing 0.09% preservative</td>
</tr>
<tr>
<td>Conjugation</td>
<td>Unconjugated</td>
</tr>
<tr>
<td>* Shipping, storage and shelf life</td>
<td>* 3 months when stored at 2 to 8 °C</td>
</tr>
<tr>
<td></td>
<td>* 1 year when aliquoted and stored at -20 °C</td>
</tr>
<tr>
<td></td>
<td>* 3 years when aliquoted and stored at -80 °C</td>
</tr>
</tbody>
</table>

Applications

<table>
<thead>
<tr>
<th>Western blot (WB)</th>
<th>Recommended concentration</th>
<th>1 µg/mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
<td></td>
</tr>
</tbody>
</table>

Note:
* The applications above have already been verified. The antibody may be suitable for additional applications.
* Optimal antibody concentrations for each application should be determined by the user.

Additional information

Target antigen

- Protein name: Interleukin 12A
- Gene name: IL12A
- UniProt Accession: P29459
- Organism: Homo sapiens (Human)

Product data

Western blotting

25 ng of recombinant human IL12A and 25 ng of recombinant human IL12B were run on 6-18% SDS-PAGE under reducing conditions and blotted onto nitrocellulose membrane. K92010_1E2 at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. IL12A band was visualized using ECL Western Blotting Substrate.

Result: K92010_1E2 can detect human IL12A by Western blotting.