Anti-Human IL6 Antibody [K06289_3C12]

Catalog No. K06289U03C12C

Overview

Product name: Anti-Human IL6 Antibody [K06289_3C12]
Antibody specificity: Interleukin-6 (IL-6)
Species reactivity: Human
Clonality: Monoclonal
Clone number: K06289_3C12
Host / isotype: Mouse / IgG2a
Immunogen: Recombinant human IL-6
Cross reactivity: Not tested
Kinetic characterization by BLI (biolayer interferometry): Not tested
Purification: Protein A purified from cell culture supernatants
Form: Liquid
Concentration: 1 mg/mL in phosphate buffered saline containing 0.09% preservative
Conjugation: Unconjugated
Shipping, storage and shelf life:
* 3 months when stored at 2 to 8 °C
* 1 year when aliquoted and stored at -20 °C
* 3 years when aliquoted and stored at -80 °C

Applications

<table>
<thead>
<tr>
<th></th>
<th>Recommended concentration</th>
<th>Note</th>
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<tbody>
<tr>
<td>Western blot (WB)</td>
<td>1 µg/mL</td>
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<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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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 6
Gene name: IL6
UniProt Accession: P05231
Organism: Homo sapiens (Human)

Product data

**Western blotting**

25 ng of recombinant human IL-6 was run on 6-18% SDS-PAGE under reducing conditions and blotted onto nitrocellulose membrane. K06289_3C12 at 1 µg/mL was used as primary antibody and peroxidase conjugated goat anti-mouse IgG was used as secondary antibody. IL-6 band was visualized using ECL Western Blotting Substrate.

Result: K06289_3C12 can detect recombinant human IL-6 by Western blotting.