DESCRIPTION

Specificity: Detects Aducanumab in Western blots and direct ELISAs. In direct ELISAs, no cross-reactivity with Cetuximab, Ibritumomab, Rituximab, Trastuzumab, Adalimumab, Tositumomab, Brentuximab, Gemtuzumab, Solanezumab, and Teprotumumab is observed.

Source: Monoclonal Mouse IgG2A, Clone # 975942

Purification: Protein A or G purified from hybridoma culture supernatant

Immunogen: Full length Aducanumab

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

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>Recommended Concentration</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Blot</td>
<td>2 μg/mL</td>
</tr>
<tr>
<td>ELISA</td>
<td>Detects Aducanumab in direct ELISAs.</td>
</tr>
</tbody>
</table>

DATA

Western Blot

Detection of Aducanumab by Western Blot. Western blot shows Trastuzumab, Gemtuzumab, Teprotumumab, and Aducanumab biosimilars. PVDF membrane was probed with 2 μg/mL of Anti-Aducanumab (Anti-Idiotype) Monoclonal Antibody (Catalog # MAB9545) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). A specific band was detected for Aducanumab at approximately 240 kDa (as indicated). This experiment was conducted under non-reducing conditions and using Immunoblot Buffer Group 1.

ELISA

Specificity of Anti-Aducanumab (Anti-Idiotype) Antibody in Direct ELISA: A panel of biosimilars was coated at 1 μg/mL in 96-well polystyrene plates. Anti-Aducanumab (Anti-Idiotype) Antibody (Catalog # MAB9545, 333 ng/mL) detected Aducanumab. No cross-reactivity with Cetuximab, Rituximab, Trastuzumab, Adalimumab, Brentuximab, Gemtuzumab, Ibritumomab, Tositumomab, Solanezumab, and Teprotumumab was observed.

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.

BACKGROUND

The anti-Aducanumab antibody is an anti-Idiotypic antibody raised against and selected for the antigenic determinants of the variable region of Aducanumab. The antibody has been tested against a broad range of other biosimilars to ensure specificity. This highly specialized anti-idiotypic antibody can be used in a variety of pharmacokinetic (PK) assay formats.