Anti-Human CHD4 Antibody [K49015_8F7]

Catalog No. K49015M08F07C

Overview

Product name: Anti-Human CHD4 Antibody [K49015_8F7]
Antibody specificity: Chromodomain helicase DNA binding protein 4 (CHD-4)
Species reactivity: Human
Clonality: Monoclonal
Clone number: K49015_8F7
Host / isotype: Mouse / IgG2a
Immunogen: Recombinant human CHD4
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>
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<tr>
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<th>Recommended concentration</th>
<th>Note</th>
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<tbody>
<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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<tr>
<td>Immunoprecipitation (IP)</td>
<td>10 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: Chromodomain helicase DNA binding protein 4
- Gene name: CHD4
- UniProt Accession: Q14839
- Organism: Homo sapiens (Human)
Immunoprecipitation

Immunoprecipitation was performed by incubation of 2.5 µg of K49015_8F7 with Ramos lysate containing 200 µg of total protein. After absorption with Protein G beads, the mixture was run on 6-18% SDS-PAGE and blotted onto nitrocellulose membrane. Anti-human CHD4 (K49015_16E2) at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. The isotype control antibody was KT82.

Lane 1: Ramos lysate
Lane 2: Human CHD4 immunoprecipitated from Ramos lysate by K49015_8F7
Lane 3: The same as Lane 2 but KT82 was used as IgG isotype control antibody

Result: K49015_8F7 can immunoprecipitate human CHD4.