Anti-Human MTHFD2 Antibody [K70015_2F11]

Catalog No. K70015M02F11C

Overview

Product name: Anti-Human MTHFD2 Antibody [K70015_2F11]
Antibody specificity: Methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase
Species reactivity: Human
Clonality: Monoclonal
Clone number: K70015_2F11
Host / isotype: Mouse / IgG1
Immunogen: Recombinant human MTHFD2
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

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<th>Application</th>
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<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: Methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase
- Gene name: MTHFD2
- UniProt Accession: P13995
- Organism: Homo sapiens (Human)

Paired antibody information:
- K70015_2F11 may pair with K06104_7B5 and KAA160_4B3 for sandwich based immune assays.
Western blotting

15 µg of A-431 lysate was run on 6-18% SDS-PAGE under reducing conditions and blotted onto nitrocellulose membrane. K70015_2F11 at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. MTHFD2 band was visualized using ECL Western Blotting Substrate.

Result: K70015_2F11 can detect human MTHFD2 by Western blotting.