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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MTHFD2 monoclonal antibody (MA01J), clone 4G7-2G3 (APC)

Catalog Number: H00010797-MA01J

Regulation Status: For research use only (RUO)

Product Description: APC conjugated mouse monoclonal antibody raised against a full-length recombinant MTHFD2.

This product is belong to Cell Culture Grade Antibody (CX Grade).

Clone Name: 4G7-2G3

Immunogen: MTHFD2 (AAH01548, 16 a.a. ~ 344 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

SLRLRPFHLAAVRNEAVVISGRKLAQQIKQEVQRQEEVEE
WVASGNKRPHLSVILVGENPASHSYVLNKTRAAAVVGI
NSETIMKPASISEEELNLINKLNDDNVDGLLVQLPLP
EHIDERRICNAVSPDKDVDGFHVINVGRMCLDQYSML
PATPWGVWEIIRTGIPTLGKNVVVAGRSKNVGMPIAM
LLHTDGAHERPGGDATVTISHRYTPKEQLKKHTILADIV
ISAAGIPNLITADMIKEGAVIDVGINRVHDPVTAKPKLV
GDVDFEGVRQKAGYITPVPGGVGPMTVAMLMKNTIIA
AKKVLRLEREVLKSKELGVATN

Host: Mouse

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Conjugation: APC

Preparation Method: Cell Culture Production

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to
avoid repeated freezing and thawing.

Entrez GeneID: 10797

Gene Symbol: MTHFD2

Gene Alias: NMDMC

Gene Summary: This gene encodes a nuclear-encoded mitochondrial bifunctional enzyme with methylenetetrahydrofolate dehydrogenase and methenyltetrahydrofolate cyclohydrolase activities. The enzyme functions as a homodimer and is unique in its absolute requirement for magnesium and inorganic phosphate. Formation of the enzyme-magnesium complex allows binding of NAD. Alternative splicing results in two different transcripts, one protein-coding and the other not protein-coding. This gene has a pseudogene on chromosome 7. [provided by RefSeq]