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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IDH2 monoclonal antibody (MA01J), clone 5F11 (APC)

Catalog Number: H00003418-MA01J

Regulation Status: For research use only (RUO)

Product Description: APC conjugated mouse monoclonal antibody raised against a partial recombinant IDH2.

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

Clone Name: 5F11

Immunogen: IDH2 (NP_002159, 354 a.a. ~ 451 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

HYREHQKGRPTSTNPIASIFAWTRGLEHRGKLDGNQD
LIRFAQMLEKVCVETVESGAMTKDLAGCIHGLSNVKLN
EHFLNTTDFLDTIKSNLDRALGR

Host: Mouse

Interspecies Antigen Sequence: Mouse (97); Rat (97)

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: IgG1 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: 3418

Gene Symbol: IDH2

Gene Alias: ICD-M, IDH, IDHM, IDP, IDPM, mNADP-IDH

Gene Summary: Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD(+) as the electron acceptor and the other NADP(+). Five isocitrate dehydrogenases have been reported: three NAD(+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP(+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. Each NADP(+)-dependent isozyme is a homodimer. The protein encoded by this gene is the NADP(+)-dependent isocitrate dehydrogenase found in the mitochondria. It plays a role in intermediary metabolism and energy production. This protein may tightly associate or interact with the pyruvate dehydrogenase complex. [provided by RefSeq]