

Datasheet

MUTYH monoclonal antibody (M02), clone 1C8

Catalog Number: H00004595-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MUTYH.

Clone Name: 1C8

Immunogen: MUTYH (AAH03178, 436 a.a. ~ 535 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

KLTYQVYGLALEGQTPVTTVPPGARWLTQEEFHTAAV
STAMKKVFRVYQGQPGTCMGSKRSQVSSPCSRKK
PRMGQQVLNFFRSHISTDAHSLNSAAQ

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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: 4595

Gene Symbol: MUTYH

Gene Alias: MGC4416, MYH

Gene Summary: This gene encodes a DNA glycosylase involved in oxidative DNA damage repair. The enzyme excises adenine bases from the DNA backbone at sites where adenine is inappropriately paired with guanine,

cytosine, or 8-oxo-7,8-dihydroguanine, a major oxidatively damaged DNA lesion. The protein is localized to the nucleus and mitochondria. Mutations in this gene result in heritable predisposition to colon and stomach cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]