

## Datasheet

### MTR polyclonal antibody (A01)

**Catalog Number:** H00004548-A01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant MTR.

**Immunogen:** MTR (NP\_000245, 1094 a.a. ~ 1203 a.a) partial recombinant protein with GST tag.

**Sequence:**

RDYLGLFAVACFGVEELSKAYEDDGDDYSSIMVKALG  
DRLAEFAEELHERVRRELWAYCGSEQLDVADLRRLR  
YKGIRPAGYPSQPDHTEKLTMWRLADIEQSTGIRL

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, 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

**Storage Buffer:** 50 % glycerol

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

**Entrez GeneID:** 4548

**Gene Symbol:** MTR

**Gene Alias:** FLJ33168, FLJ43216, FLJ45386, MS

**Gene Summary:** MTR encodes the enzyme

5-methyltetrahydrofolate-homocysteine

methyltransferase. This enzyme, also known as cobalamin-dependent methionine synthase, catalyzes the final step in methionine biosynthesis. Mutations in MTR have been identified as the underlying cause of methylcobalamin deficiency complementation group G. [provided by RefSeq]