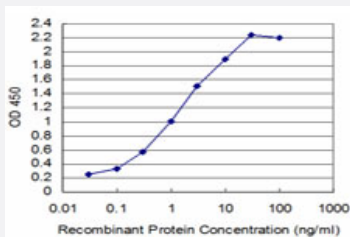


# T monoclonal antibody (M04), clone 5C10

Catalog # H00006862-M04

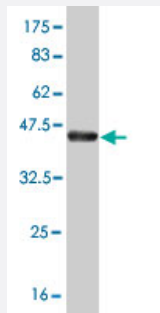
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged T is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant T.

### Immunogen

T (NP\_003172, 222 a.a. ~ 320 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

ERSDHKEMMEEPGDSQQPGYSQWGWLLPGTSTLCPPANPHPQFGGALSLPSTHSCDRYPTLR  
SHRSSPYSPYAHNRNNSPTYSDNSPACLSMLQSHDNW

### Host

Mouse

### Reactivity

Human

### Isotype

IgG2a Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.63 KDa) .

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

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

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged T is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — T

**Entrez GeneID**

[6862](#)

**GeneBank Accession#**

[NM\\_003181](#)

**Protein Accession#**

[NP\\_003172](#)

**Gene Name**

T

**Gene Alias**

MGC104817, TFT

**Gene Description**

T, brachyury homolog (mouse)

**Omim ID**

[182940](#) [601397](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

The protein encoded by this gene is an embryonic nuclear transcription factor that binds to a specific DNA element, the palindromic T-site. It binds through a region in its N-terminus, called the T-box, and effects transcription of genes required for mesoderm formation and differentiation. The protein is localized to notochord-derived cells. [provided by RefSeq]

**Other Designations**

OTTHUMP00000017588|T brachyury homolog|T brachyury-like|transcription factor T

## Disease

- [Cognition](#)