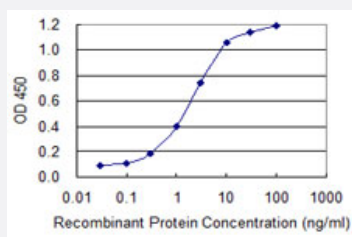


# TBR1 monoclonal antibody (M01), clone 3F6

Catalog # H00010716-M01

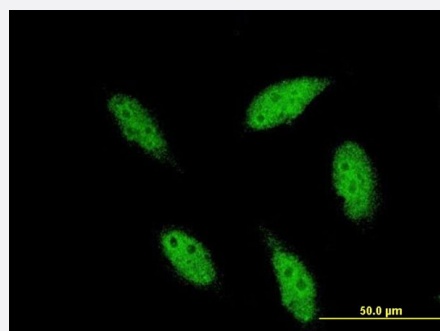
Size 100 ug

## Applications



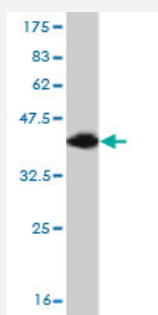
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TBR1 is 0.1 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to TBR1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.62 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant TBR1.

<b>Immunogen</b>	TBR1 (NP_006584, 1 a.a. ~ 108 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MQLEHCLSPSIMLSKKFLNVSSSYPHSGGSELVLHDHPPIISTTDNLERSSPLKKITRGMTNQSDTDNFPDSKDSPGDVQRSKLSPVLDGVSELRHSFDGSAADRYLLS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (99)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	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 TBR1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TBR1 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — TBR1

**Entrez GeneID** [10716](#)

**GeneBank Accession#** [NM\\_006593](#)

Protein Accession#	<a href="#">NP_006584</a>
Gene Name	TBR1
Gene Alias	MGC141978, TES-56
Gene Description	T-box, brain, 1
Omim ID	<a href="#">604616</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene is a member of a conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. A similar protein has been disrupted in mice and shown to be critical for early cortical development, and causes loss of projection neurons in the olfactory bulbs and olfactory cortex. The C-terminal region this similar protein was found to be necessary and sufficient for association with the guanylate kinase domain of calcium/calmodulin-dependent serine protein kinase. [provided by RefSeq]</p>
Other Designations	T-brain-1

## Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)