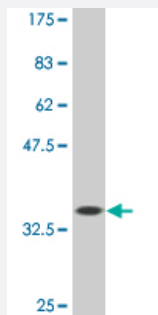


TBX2 monoclonal antibody (M02A), clone 3B2

Catalog # H00006909-M02A

Size 200 uL

Applications



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TBX2.
Immunogen	TBX2 (NP_005985, 603 a.a. ~ 702 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GSARPLRLFSPIYQIPVTIPPSTSLTTGLASEGSKAAGGNSREPSPLPELALRKVGAPSRGALSPSGSAKEAANELQSIQRLVSGLESQRALSPGRESRK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TBX2

Entrez GeneID [6909](#)

GeneBank Accession# [NM_005994](#)

Protein Accession# [NP_005985](#)

Gene Name TBX2

Gene Alias FLJ10169

Gene Description T-box 2

Omim ID [600747](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of a phylogenetically 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. This gene product is the human homolog of mouse Tbx2, and shares strong sequence similarity with Drosophila omb protein. Expression studies indicate that this gene may have a potential role in tumorigenesis as an immortalizing agent. Transcript heterogeneity due to alternative polyadenylation has been noted for this gene. [provided by RefSeq]

Other Designations -

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Diabetes Mellitus](#)

- [Genetic Predisposition to Disease](#)