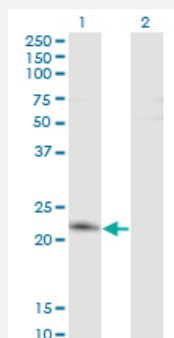


# TWIST2 monoclonal antibody (M12), clone 3C12

Catalog # H00117581-M12

Size 100 ug

## Applications

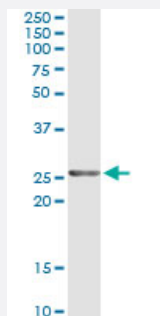


### Western Blot (Transfected lysate)

Western Blot analysis of TWIST2 expression in transfected 293T cell line by TWIST2 monoclonal antibody (M12), clone 3C12.

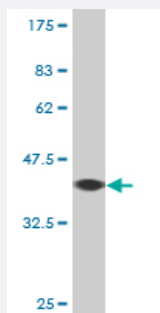
Lane 1: TWIST2 transfected lysate (18.1 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of TWIST2 transfected lysate using anti-TWIST2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TWIST2 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (43.34 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full-length recombinant TWIST2.

<b>Immunogen</b>	TWIST2 (AAH33168, 1 a.a. ~ 160 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MEEGSSSPVSPVDSLGTSEEEELERQPKRFGRKRRYSKKSSDGSPTPGKRGKKGSPSAQSFE ELQSQRILANVRERQRTQSLNEAFAALRKIIPTLPSDKLSKIQTLKLAARYIDFLYQVLQSDMDNKM TSCSYVAHERLSYAFSVWRMEGSWSMSASH
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (43.34 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 (Transfected lysate)

Western Blot analysis of TWIST2 expression in transfected 293T cell line by TWIST2 monoclonal antibody (M12), clone 3C12.

Lane 1: TWIST2 transfected lysate(18.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of TWIST2 transfected lysate using anti-TWIST2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TWIST2 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

## Gene Info — TWIST2

**Entrez GeneID** [117581](#)**GeneBank Accession#** [BC033168](#)**Protein Accession#** [AAH33168](#)**Gene Name** TWIST2**Gene Alias** DERMO1, MGC117334, bHLHa39**Gene Description** twist homolog 2 (Drosophila)**Omim ID** [607556](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. The protein encoded by this gene is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Twist. It is thought that during osteoblast development this protein may inhibit osteoblast maturation and maintain cells in a preosteoblast phenotype. [provided by RefSeq]

**Other Designations** dermis-expressed protein 1|twist homolog 2|twist-related bHLH protein Dermo1