

## Product datasheet for **TA805301BM**

### **TWIST2 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI9F11]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI9F11
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human TWIST2 (NP_476527) produced in E.coli.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	HRP
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	17.9 kDa
<b>Gene Name:</b>	twist family bHLH transcription factor 2
<b>Database Link:</b>	<a href="#">NP_476527</a> <a href="#">Entrez Gene 13345 Mouse</a> <a href="#">Entrez Gene 59327 Rat</a> <a href="#">Entrez Gene 117581 Human</a> <a href="#">Q8WVJ9</a>
<b>Background:</b>	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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Dec 2012]

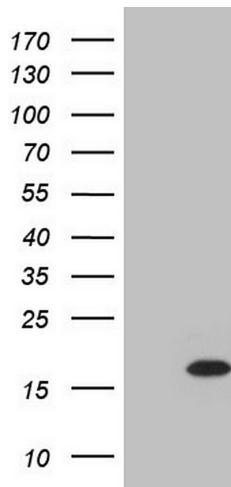


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**Synonyms:** AMS; BBRSAY; bHLHa39; DERMO1; FFDD3; SETLSS

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TWIST2 ([RC205006], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TWIST2. Positive lysates [LY403298] (100ug) and [LC403298] (20ug) can be purchased separately from OriGene.