

TWIST2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TWIST2.

Catalog # AT4412a

Product Information

Application	WB, IHC
Primary Accession	Q8WVJ9
Other Accession	BC033168
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3C8
Calculated MW	18124

Additional Information

Gene ID	117581
Other Names	Twist-related protein 2, Class A basic helix-loop-helix protein 39, bHLHa39, Dermis-expressed protein 1, Dermo-1, TWIST2, BHLHA39, DERMO1
Target/Specificity	TWIST2 (AAH33168, 1 a.a. ~ 160 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:1000 IHC~~1:100
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TWIST2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

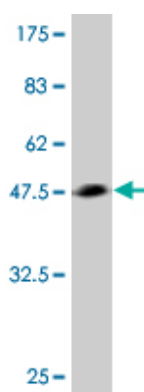
Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. The protein encoded by this gene is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Twist. It is thought that during osteoblast development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

References

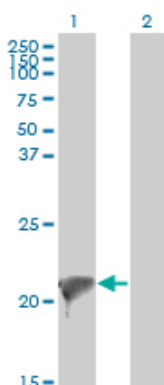
1.Epithelial-mesenchymal transition-like events in vulvar cancer and its relation with HPV.Rodrigues IS, Lavorato-Rocha AM, de M Maia B, Stiepcich MM, de Carvalho FM, Baiocchi G, Soares FA, Rocha RMB Jr

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Images



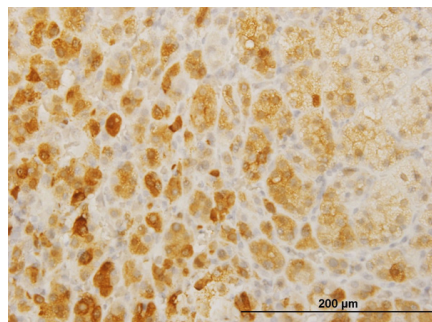
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (43.34 KDa) .



Western Blot analysis of TWIST2 expression in transfected 293T cell line by TWIST2 monoclonal antibody (M01), clone 3C8.

Lane 1: TWIST2 transfected lysate (18.1 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to TWIST2 on formalin-fixed paraffin-embedded human adrenal gland. [antibody concentration 3 ug/ml]