

Datasheet for ABIN566756
anti-TWIST2 antibody (AA 1-160)



[Go to Product page](#)

4 Images

8 Publications

Overview

Quantity:	100 µg
Target:	TWIST2
Binding Specificity:	AA 1-160
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TWIST2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant TWIST2.
Immunogen:	TWIST2 (AAH33168, 1 a.a. ~ 160 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MEEGSSSPVS PVDSLGTSEE ELERQPKRFG RKRRYSKSS EDGSPTPGKR GKKGSPSAQS FEELQSQRIL ANVRERQRTQ SLNEAFAALR KIIPTLP SDK LSKIQTLKLA ARYIDFLYQV LQSDMDNKM TSCSYVAHER LSYAFSVWRM EGSWSMSASH
Clone:	3C8
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TWIST2
Alternative Name:	TWIST2 (TWIST2 Products)
Background:	Full Gene Name: twist homolog 2 (Drosophila) Synonyms: DERMO1,MGC117334,bHLHa39
Gene ID:	117581
Pathways:	Chromatin Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

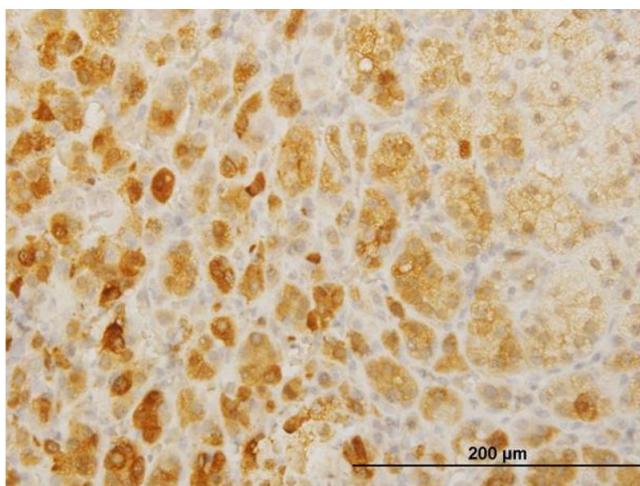
Publications

Product cited in:	<p>Oh, Oh, Lee, Oh, Jeon, Choi, Hwang, Lee, Lee, Seong: "Expression of Twist2 is controlled by T-cell receptor signaling and determines the survival and death of thymocytes." in: Cell death and differentiation, Vol. 23, Issue 11, pp. 1804-1814, (2016) (PubMed).</p> <p>Yu, Jin, Liu, Dong, Yu, Duan, Li, Dong, Cong, Yang: "Twist2 is a valuable prognostic biomarker for colorectal cancer." in: World journal of gastroenterology : WJG, Vol. 19, Issue 15, pp. 2404-11, (2013) (PubMed).</p> <p>Rodrigues, Lavorato-Rocha, de M Maia, Stiepcich, de Carvalho, Baiocchi, Soares, Rocha: "Epithelial-mesenchymal transition-like events in vulvar cancer and its relation with HPV." in: British journal of cancer, Vol. 109, Issue 1, pp. 184-94, (2013) (PubMed).</p> <p>Mao, Zhang, Xu, Ding, Zong, Liu: "Significance of heterogeneous Twist2 expression in human breast cancers." in: PLoS ONE, Vol. 7, Issue 10, pp. e48178, (2012) (PubMed).</p>
-------------------	--

Fang, Cai, Liu, Wang, Wu, Zhang, Yang, Yuan, Ouyang: "Twist2 contributes to breast cancer progression by promoting an epithelial-mesenchymal transition and cancer stem-like cell self-renewal." in: **Oncogene**, Vol. 30, Issue 47, pp. 4707-20, (2011) ([PubMed](#)).

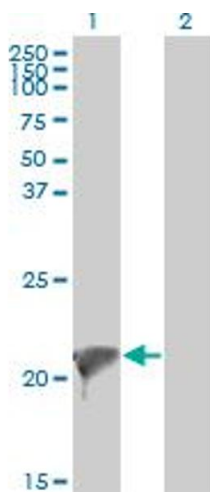
There are more publications referencing this product on: [Product page](#)

Images



Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to TWIST2 on formalin-fixed paraffin-embedded human adrenal gland. [antibody concentration 3 ug/ml]

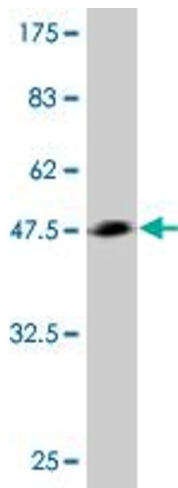


Western Blotting

Image 2. 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.



Western Blotting

Image 3. Western Blot detection against Immunogen (43.34 KDa).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN566756.