

Datasheet for ABIN2668516
anti-TWIST1 antibody



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Overview

Quantity:	100 µg
Target:	TWIST1
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TWIST1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	This TWIST antibody was raised against a recombinant protein corresponding to full-length mouse TWIST.
Isotype:	IgG1
Purification:	Protein G Chromatography

Target Details

Target:	TWIST1
Alternative Name:	TWIST (TWIST1 Products)
Molecular Weight:	21 kDa
Gene ID:	7291

Target Details

Pathways: [p53 Signaling](#), [Proton Transport](#), [Tube Formation](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1 µg/µL

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

Storage: -80 °C

Storage Comment: Antibodies in solution can be stored at -80 °C for 2 years.

Expiry Date: 6 months

Publications

Product cited in: Ezponda, Popovic, Shah, Martinez-Garcia, Zheng, Min, Will, Neri, Kelleher, Yu, Licht: "The histone methyltransferase MMSET/WHSC1 activates TWIST1 to promote an epithelial-mesenchymal transition and invasive properties of prostate cancer." in: **Oncogene**, Vol. 32, Issue 23, pp. 2882-90, (2013) ([PubMed](#)).

Casas, Kim, Bendesky, Ohno-Machado, Wolfe, Yang: "Snail2 is an essential mediator of Twist1-induced epithelial mesenchymal transition and metastasis." in: **Cancer research**, Vol. 71, Issue 1, pp. 245-54, (2011) ([PubMed](#)).

Eckert, Lwin, Chang, Kim, Danis, Ohno-Machado, Yang: "Twist1-induced invadopodia formation promotes tumor metastasis." in: **Cancer cell**, Vol. 19, Issue 3, pp. 372-86, (2011) ([PubMed](#)).

Kida, Asahina, Teraoka, Gitelman, Sato: "Twist relates to tubular epithelial-mesenchymal transition and interstitial fibrogenesis in the obstructed kidney." in: **The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society**, Vol. 55,

Issue 7, pp. 661-73, (2007) ([PubMed](#)).

Gitelman: "Twist protein in mouse embryogenesis." in: **Developmental biology**, Vol. 189, Issue 2, pp. 205-14, (1997) ([PubMed](#)).