

Mouse anti-Human TWIST Monoclonal Antibody | anti-TWIST antibody

Mouse monoclonal antibody Anti-Human TWIST

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10606	Mouse	Human	Dot Blot, Immunocytochemistry, Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

TWIST; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human TWIST; Homo sapiens twist homolog 1 (acrocephalosyndactyly 3; Saethre-Chotzen syndrome) (Drosophila) (TWIST1); SCS;ACS3; BPES2; BPES3;TWIST1; anti-TWIST antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	Twist2C1a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	1669
Applicable Applications for anti-TWIST antibody	DB (Dot Blot), ICC (Immunocytochemistry), WB (Western Blot), FCM/FACS (Flow Cytometry)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



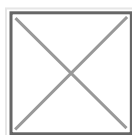
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-TWIST mAb. [Lot No. Twist2C1a-1]



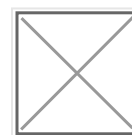
FCM (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-TWIST mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. Twist2C1a-1]



WB (Western Blot)

Detection of TWIST by Western blot. Samples: Whole cell lysate from human A2058 (H, 25 ug), mouse NIH3T3 (M, 25 ug) and rat F2408 (R, 25 ug) cells. [Lot No. Twist2C1a-1] Predicted molecular weight: 20 kDa



Quality Control

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-TWIST monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TWIST antibody	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, Dermo1. The strongest expression of this mRNA is in placental tissue; in adults, mesodermally derived tissues express this mRNA preferentially. Mutations in this gene have been found in patients with Saethre-Chotzen syndrome. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68160957
NCBI GeneID	7291
NCBI Accession #	NP_000465.1
NCBI GenBank Nucleotide #	NM_000474
Molecular Weight	20,954 Da
NCBI Official Full Name	Homo sapiens twist family bHLH transcription factor 1 (TWIST1), mRNA
NCBI Official Synonym Full Names	twist family bHLH transcription factor 1
NCBI Official Symbol	TWIST1
NCBI Official Synonym Symbols	CRS; CSO; SCS; ACS3; CRS1; BPES2; BPES3; TWIST; bHLHa38
NCBI Protein Information	twist-related protein 1; B-HLH DNA binding protein; H-twist; TWIST homolog of drosophila; class A basic helix-loop-helix protein 38; twist basic helix-loop-helix transcription factor 1; twist homolog 1
UniProt Protein Name	Twist-related protein 1
UniProt Gene Name	TWIST1
UniProt Entry Name	TWST1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/twist-antibody-clone-twist2c1a-dot-blot-immunocytochemistry-western-blot-flow-cytometry-elisa/10606>