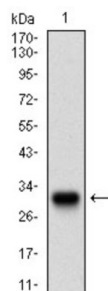
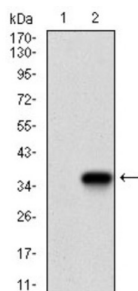


Twist-Related Protein 1 (TWIST1) Antibody

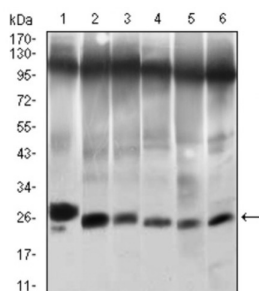
Catalogue No.: abx016017



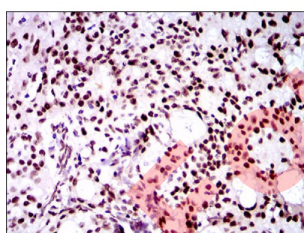
Western blot analysis of extract of Human TWIST1 recombinant protein using TWIST1 antibody.



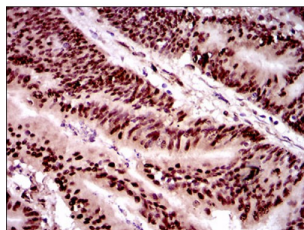
Western blot analysis of extracts of (1) HEK293 and (2) TWIST1 (AA: 9-74) - hlgGFc transfected HEK293 cell lysate using TWIST1 antibody.



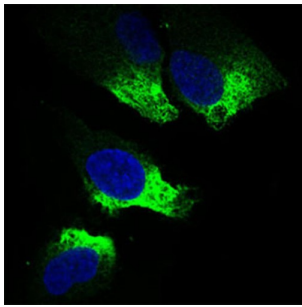
Western blot analysis of extracts of (1) NIH/3T3, (2) JURKAT, (3) HeLa, (4) A549, (5) RAJI and (6) OCM-1 cell lysate using TWIST1 antibody.



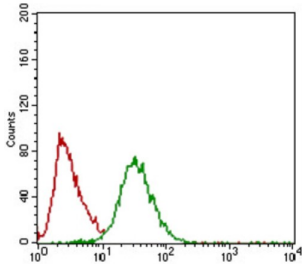
Immunohistochemical analysis of paraffin-embedded cervical cancer tissue using TWIST1 antibody with DAB staining.



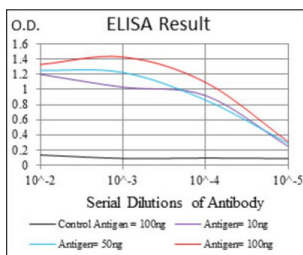
Immunohistochemical analysis of paraffin-embedded colon cancer tissue using TWIST1 antibody with DAB staining.



Immunofluorescence analysis of HeLa cells using TWIST1 antibody (green) and DRAQ5 fluorescent DNA dye (blue).



Flow cytometric analysis of HeLa cells using TWIST1 antibody (green) and negative control (red).



ELISA analysis: Red: Control Antigen (100 ng); Purple: Antigen (10 ng); Green: Antigen (50 ng); Blue: Antigen (100 ng).

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.

Target: Twist-Related Protein 1 (TWIST1)

Clonality: Monoclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC, IF/ICC, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Datasheet

Version: 6.0.0
Revision date: 12 Sep 2025



Immunogen:	Purified recombinant fragment of human TWIST1 (9-74 AA) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15672 (UniProt , ExPASy)
Gene Symbol:	TWIST1
GeneID:	7291
OMIM:	601622
HGNC:	12428
KEGG:	hsa:7291
Ensembl:	ENSG00000122691
String:	9606.ENSP00000242261
Molecular Weight:	21 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.