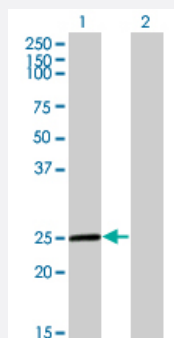


TWIST1 monoclonal antibody (M03), clone 2F8

Catalog # H00007291-M03

Size 100 ug

Applications

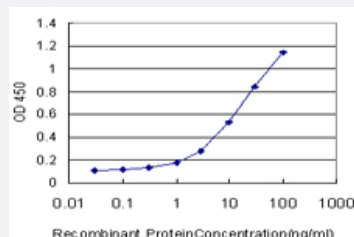


Western Blot (Transfected lysate)

Western Blot analysis of TWIST1 expression in transfected 293T cell line by TWIST1 monoclonal antibody (M03), clone 2F8.

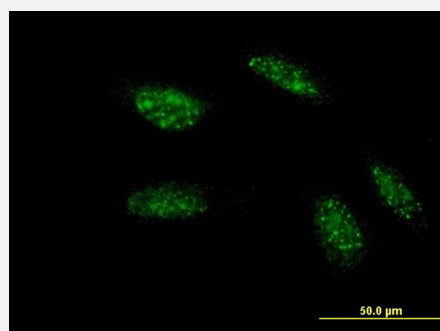
Lane 1: TWIST1 transfected lysate (21 KDa).

Lane 2: Non-transfected lysate.



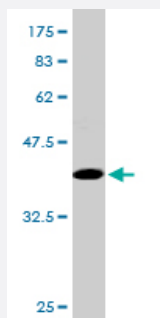
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TWIST1 is approximately 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TWIST1 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.07 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TWIST1.
Immunogen	TWIST1 (NP_000465, 100 a.a. ~ 202 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PQSYEELQTQRVMANVRERQRTQSLNEAFAALRKIIPTLPSDKLSKIQTLKLAARYIDFLYQVLQSD ELDSKMASC SYVAHERLSYAFSVWRMEGAWSMSASH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.07 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Transfected lysate)

Western Blot analysis of TWIST1 expression in transfected 293T cell line by TWIST1 monoclonal antibody (M03), clone 2F8.

Lane 1: TWIST1 transfected lysate(21 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TWIST1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TWIST1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — TWIST1

Entrez GeneID [7291](#)

GeneBank Accession# [NM_000474](#)

Protein Accession# [NP_000465](#)

Gene Name TWIST1

Gene Alias ACS3, BPES2, BPES3, SCS, TWIST, bHLHa38

Gene Description twist homolog 1 (Drosophila)

Omim ID [101400 601622](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 share s 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. [provided by RefSeq]

Other Designations B-HLH DNA binding protein|H-twist|TWIST homolog of drosophila|twist

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniosynostoses](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)