

À des fins de recherche uniquement

Anticorps Monoclonal anti-TWIST2

Numéro de catalogue: 66544-1-Ig **2 Publications**



Informations de base

| | | |
|---|--|---|
| Numéro de catalogue: 66544-1-Ig | Numéro d'acquisition GenBank: BC033168 | Méthode de purification: Purification par protéine G |
| Taille: 150ul , Concentration: 2200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 117581 | CloneNo.: 1B12D11 |
| Hôte: Mouse | Nom complet: twist homolog 2 (Drosophila) | Dilutions recommandées: WB 1:5000-1:20000 IHC 1:250-1:1000 IF 1:400-1:1600 |
| Isotype: IgG1 | MW calculé: 160 aa, 18 kDa | |
| Immunogen Catalog Number: AG2348 | MW observés: 22 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HL-60, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3, cellules THP-1

IHC : tissu de cancer du sein humain, tissu de tumeur ovarienne humain

IF : cellules HepG2,

Informations générales

TWIST2, also named as BHLHA39 and Dermo1, is a basic helix-loop-helix protein which acts as a transcriptional regulator, plays a central role in differentiation of mesodermal during embryogenesis. TWIST2 inhibits the premature or ectopic differentiation of preosteoblast cells during osteogenesis, possibly by changing the internal signal transduction response of osteoblasts to external growth factors. It is also implicated in tumorigenesis, invasion and metastasis. TWIST2 forms both homodimers(45KD) and heterodimers with E2A E proteins, and dimer partner selection is a critical mediator of TWIST function. (PMID:14724576, 16502419).

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-------------|-----------|---------------|-------------|
| Zhangya Pu | 35562734 | J Transl Med | WB |
| Beibei Wang | 35340228 | J Healthc Eng | IHC |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

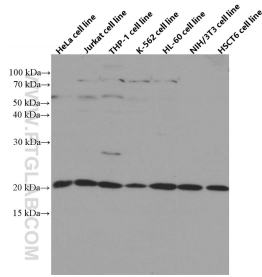
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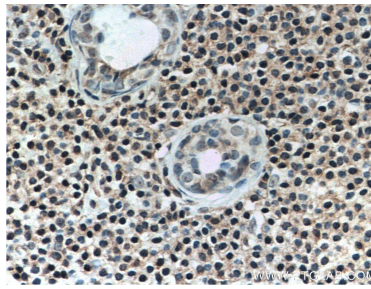
E: proteintech@ptglab.com
W: ptglab.com

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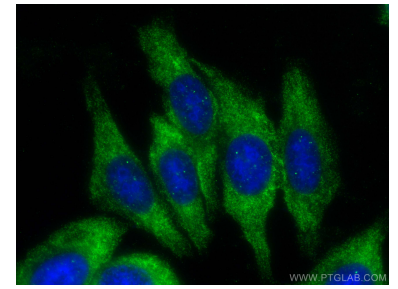
Données de validation sélectionnées



Various cells were subjected to SDS PAGE followed by western blot with 66544-1-Ig (TWIST2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66544-1-Ig (TWIST2 antibody) at dilution of 1:500 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TWIST2 antibody (66544-1-Ig, Clone: 1B12D11) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).