

À des fins de recherche uniquement

Anticorps Monoclonal anti-ZEB2

Numéro de catalogue: 67514-1-Ig **4 Publications**



Informations de base

| | | |
|---|--|---|
| Numéro de catalogue: 67514-1-Ig | Numéro d'acquisition GenBank: BC127102 | Méthode de purification: Purification par protéine A |
| Taille: 150ul, Concentration: 1100 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 9839 | CloneNo.: 1D3A2 |
| Hôte: Mouse | Nom complet: zinc finger E-box binding homeobox | Dilutions recommandées: 2WB 1:500-1:2000 IHC 1:50-1:500 |
| Isotype: IgG1 | MW observés: 160 kDa | |
| Immunogen Catalog Number: AG25477 | | |

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, 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 K-562, cellules 4T1, cellules HSC-T6, cellules HT-1080, cellules NIH/3T3

IHC : tissu de cancer du sein humain,

Informations générales

Zinc finger E-box-binding homeobox (ZEB2) is a key transcription factor that acts as a multifunctional regulator during nervous system development. ZEB2 contains two zinc finger domains and a homeodomain-like sequence and interacts with the TGF- β superfamily signaling regulators, Smads, to regulate the expression of their downstream genes. ZEB2 is expressed in the developing neural tube, as well as in neural crest cells, the hippocampus and the cerebral cortex. ZEB2 has previously been implicated in EMT, cell-cycle progression, apoptosis and senescence. ZEB2 was overexpressed in bladder, ovarian, stomach, pancreatic and squamous cell carcinoma, in the intestinal subtype of stomach cancers, and at the invasive front of CRC where EMT is most prominent. ZEB2 also mediates cell-fate decision in neuronal, T cells and hematopoietic stem cells. The calculated molecular weight of ZEB2 is 136 kDa, but we find the 95 kDa band in some publication (PMID: 27659015)

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|--------------|-----------|--------------|-------------|
| Ting Peng | 35695407 | J Med Chem | WB |
| Longhui Ruan | 34265287 | Exp Cell Res | WB |
| Ting Wang | 35138000 | Exp Physiol | WB |

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.

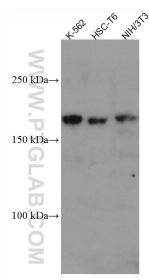
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

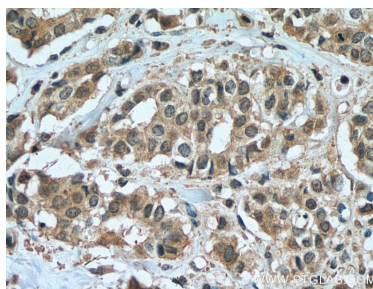
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

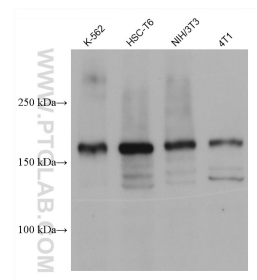
Données de validation sélectionnées



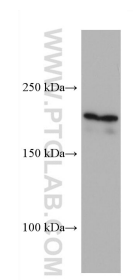
Various lysates were subjected to SDS PAGE followed by western blot with 67514-1-Ig (ZEB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67514-1-Ig (ZEB2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67514-1-Ig (ZEB2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



HT-1080 cells were subjected to SDS PAGE followed by western blot with 67514-1-Ig (ZEB2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.