Nur für Forschungszwecke

ZEB2 Monoklonaler Antikörper

Katalog-Nr.:67514-1-Ig 3 Publikationen

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Allgemeine Informationen

Katalog-Nr.:
67514-1-Ig

Größe:
150ul , Konzentration: 1100 μg/ml von Nanodrop und 500 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG25477

GenBank-Zugangsnummer:
BC127102

GeneID (NCBI):
9839

Vollständiger Name:
zinc finger E-box binding homeobox 2

Beobachteté Masse:
160 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1D3A2

Empfohlene Verdünnungen:
WB 1:500-1:2000
IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
IHC, WB, ELISA

In Publikationen genannte Anwendungen:
WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : K-562-Zellen, 4T1-Zellen, HT-1080.Zellen, NIH/3T3-Zellen

IHC : humanes Mammakarzinomgewebe,

Hintergrundinformationen

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-ß 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 prominen. 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)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ting Peng	35695407	J Med Chem	WB
Longhui Ruan	34265287	Exp Cell Res	WB
Ting Wang	35138000	Exp Physiol	WB

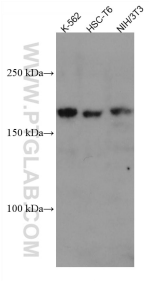
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

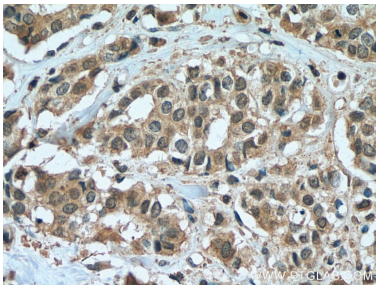
*** 20ul-Größen enthalten 0.1% BSA

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

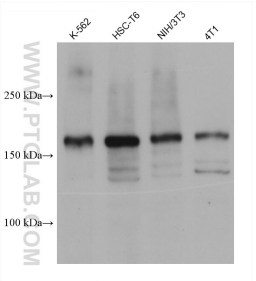
Ausgewählte Validierungsdaten



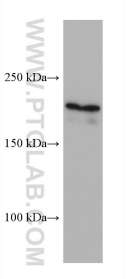
Various lysates were subjected to SDS PAGE followed by western blot with 67514-1-Ig (ZEB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.