

For Research Use Only

TGFBR2 Monoclonal antibody, PBS Only



Catalog Number: 66636-1-PBS

Featured Product

Basic Information

Catalog Number:

66636-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG25773

GenBank Accession Number:

BC040499

GeneID (NCBI):

7048

UNIPROT ID:

P37173

Full Name:

transforming growth factor, beta receptor II (70/80kDa)

Calculated MW:

65 kDa

Observed MW:

65-80 kDa

Purification Method:

Protein A purification

CloneNo.:

2D5H7

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human, Mouse, Rat

Background Information

TGF beta Receptor II (TGFBR2) is a member of the transforming growth factor- β (TGF- β) superfamily, which are critical regulators of cell proliferation and differentiation, developmental patterning and morphogenesis, and disease pathogenesis (PMID: 10974075). TGFBR2 result in both SMAD4-dependent constraint of proliferation and SMAD4-independent activation of apoptosis (PMID: 29396446). It has some isoforms with the molecular weight of 70-80 kDa and ~90 kDa after glycosylated.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

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

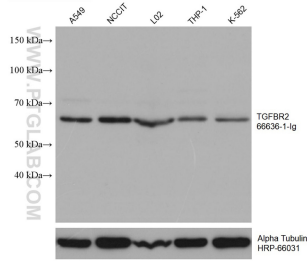
T: 4006900926

E: Proteintech-CN@ptglab.com

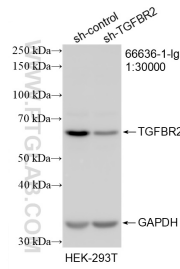
W: ptgcn.com

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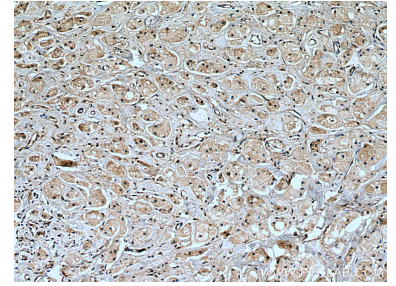
Selected Validation Data



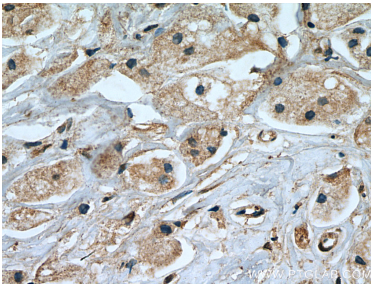
Various lysates were subjected to SDS PAGE followed by western blot with 66636-1-Ig (TGFBR2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 66636-1-PBS in a different storage buffer formulation.



WB result of TGFBR2 antibody (66636-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TGFBR2 transfected HEK-293T cells. This data was developed using the same antibody clone with 66636-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66636-1-Ig (TGFBR2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66636-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66636-1-Ig (TGFBR2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66636-1-PBS in a different storage buffer formulation.