

Datasheet for ABIN7270914
anti-TGFR2 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TGFR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TGFR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TGF beta Receptor II (TGFR2) Rabbit mAb
Immunogen:	A synthesized peptide derived from human TGF beta Receptor II (TGFR2) (TGFR2)
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	TGFR2
Alternative Name:	TGFR2 (TGFR2 Products)
Background:	This gene encodes a member of the Ser/Thr protein kinase family and the TGFB receptor

Target Details

subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with another receptor protein, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subset of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized. [provided by RefSeq, Jul 2008],AAT3,FAA3,LDS1B,LDS2,LDS2B,MFS2,RIIC,TAAD2,TGFR-2,TGFbeta-RII,TGF beta Receptor II,TGFBR2,Cell Biology & Developmental Biology,Kinase,MAPK-P38 Signaling Pathway,Signal Transduction,Stem Cells,TGF-b-Smad Signaling Pathway,TGF-b-Smad Signaling Pathway_Receptors,TGFBR2

Molecular Weight: 80kDa

Gene ID: 7048

UniProt: [P37173](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

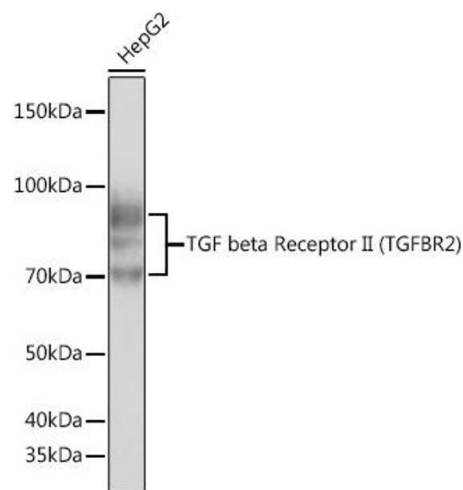
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of HepG2 cells, using TGF beta Receptor II (TGFB2) (TGFB2) antibody (ABIN7270914) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.