

Product Datasheet

Anti-TGF beta Receptor I/TGFB β R1 Antibody (orb334560)

Description	Anti-TGF beta Receptor I/TGFB β R1 Antibody. Tested in WB applications. This antibody reacts with Human.
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human TGFB β R1, identical to the related mouse and rat sequences.
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 μ g/ml.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Western blot, 0.1-0.5 μ g/ml, Human. Add 0.2ml of distilled water will yield a concentration of 500ug/ml
Isotype	Rabbit IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	50-56 kDa
Uniprot ID	P36897

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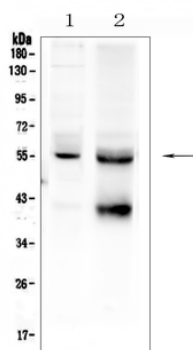
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Expiration Date

12 months from date of receipt.



Western blot analysis of TGFBR1/Tgf Beta Receptor I using anti-TGFBR1/Tgf Beta Receptor I antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human SW579 whole cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TGFBR1/Tgf Beta Receptor I antigen affinity purified polyclonal antibody at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TGFBR1/Tgf Beta Receptor I at approximately 50-56 KD. The expected band size for TGFBR1/Tgf Beta Receptor I is at 56 KD.

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