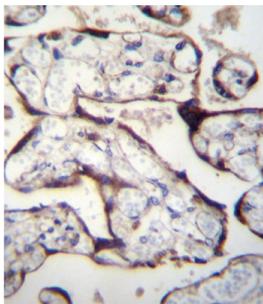
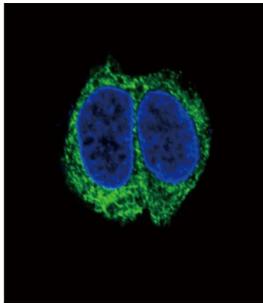


## Transforming Growth Factor Beta Receptor 2 (TGFBR2) Antibody

Catalogue No.: abx026476



This gene encodes a member of the Ser/Thr protein kinase family and the TGFβ receptor 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-β. 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.

**Target:** Transforming Growth Factor Beta Receptor 2 (TGFBR2)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** ELISA, WB, IHC, IF/ICC

**Host:** Rabbit

# Datasheet

Version: 3.0.0  
Revision date: 18 Mar 2025



**Recommended dilutions:** WB: 1/1000, IHC-P: 1/25, IF/ICC: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 13-40 amino acids from the N-terminal region of human TGFBR2.

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified through a protein A column, followed by peptide affinity purification.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P37173 ([UniProt](#), [ExpASY](#))

**Gene Symbol:** TGFBR2

**KEGG:** hsa:7048

**String:** [9606.ENSP00000351905](#)

**Molecular Weight:** Calculated MW: 64.6 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.