

## ABfinity™ TGFB2 Recombinant Rabbit Oligoclonal Antibody

Publication Number MAN0006933

Rev. 1.00

Catalog Number: 710276

Store at 2° to 8°C (short-term), or -20°C (long-term)

**Clonality:** Oligoclonal  
**Concentration:** 0.5 mg/mL  
**Quantity:** 100 µg  
**Volume:** 200 µL

**Host/Class:** Rabbit IgG  
**Reactivity:** Human TGFB2  
**Predicted Reactivity:** Human

### Product Description

Transforming growth factor type beta 2 (TGFB2) is a member of the TGF-beta family of cytokines, which are ubiquitous, multifunctional, and essential for survival. They play important roles in growth and development, inflammation and repair, and host immunity for many different cell types. Human TGFB2 consists of two disulfide-linked, identical subunits each of which is a single-chain polypeptide of 112 residues.

### Product Specifications

**Immunogen:** Recombinant protein corresponding to amino acids 331–442 of human Transforming Growth Factor Beta 2

**Alternate Names:** TGF-beta 2, BSC-1 cell growth inhibitor, G-TSF, cetramin

**Apparent MW:** ~48 kDa

**Gene ID:** 7042

**Protein Accession No.:** P61812

**Sequence Identity:** Human

**Sequence Homology:** Mouse, Rat, Monkey, Rabbit

**Clone/PAD:** 12HCLC

**Lot:** See product label

### Product Applications

Application	Species	Test Material	Concentration
Western blotting	Mouse, Human	Mouse kidney, A549 cells	1–2 µg/mL

### Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

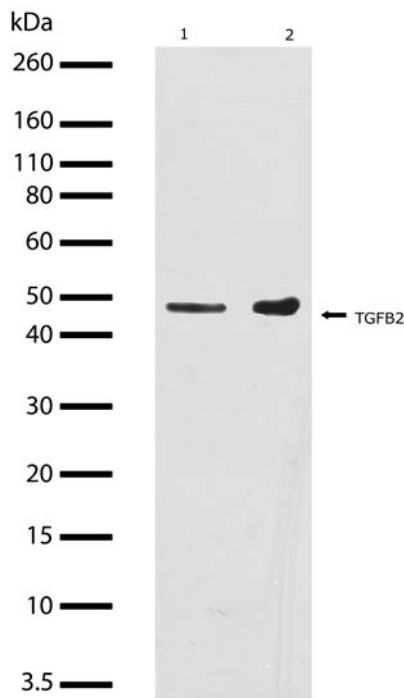
### Storage and Handling

Store the antibody at 2° to 8°C for up to 1 month, -20°C for long storage. Avoid repeated freezing and thawing.

### Storage Buffer

Phosphate buffered saline (PBS) with 0.09% sodium azide.

**Caution:** Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.



**Figure 1** Western blot analysis of ABfinity™ TGFB2 Recombinant Rabbit Oligoclonal Antibody (Cat. no. 710276).

Western blot analysis was performed on mouse kidney lysate (lane 1), and A549 cell lysate (lane 2). Endogenous levels of TGFB2 was detected at ~48 kDa using ABfinity™ TGFB2 Recombinant Rabbit Oligoclonal Antibody at a concentration of 2 µg/mL. The blot was developed using chemiluminescence (ECL) method.

**For research use only. Not for human or animal therapeutic or diagnostic use.**

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


## Product Documentation

To obtain a Certificate of Analysis or Safety Data Sheets (SDSs), visit [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

## Related Products

Product Name	Quantity	Catalog no.
iBlot® Dry Blotting System	1 unit	IB1001
WesternBreeze® Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze® Chemiluminescent Kit, Anti-Rabbit	1 kit	WB7106
Goat anti-mouse (H+L), HRP conj.	1 mg	G21040
Goat anti-rabbit (H+L), HRP conj.	1 mg	G21234
Goat anti-mouse (H+L), AP conj.	1 mg	G21060
Goat anti-rabbit (H+L), AP conj.	1 mg	G21079
Nitrocellulose, 0.2 µm	20/pack	LC2000

### Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		In vitro diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

## Limited Product Warranty

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15 June 2012

