


Product datasheet

Anti-TGF beta 2 antibody ab80059

★★★★★ [1 Abreviews](#) [2 References](#)

Overview

Product name	Anti-TGF beta 2 antibody
Description	Rabbit polyclonal to TGF beta 2
Host species	Rabbit
Specificity	Reacts specifically with human 48 kDa TGF beta 2 protein.
Tested applications	Suitable for: IHC, WB
Species reactivity	Reacts with: Human Predicted to work with: a wide range of other species 
Immunogen	Synthetic peptide derived from the N terminal domain of Human TGF beta 2.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab80059 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC		1/100 - 1/500.
WB	★★★★★ (1)	1/500 - 1/5000. Predicted molecular weight: 47 kDa.

Target

Function	TGF-beta 2 has suppressive effects on interleukin-2 dependent T-cell growth.
Involvement in disease	A chromosomal aberration involving TGFB2 is found in a family with Peters anomaly. Translocation t(1;7)(q41;p21) with HDAC9. Loeys-Dietz syndrome 4 Defects in TGFB2 may be a cause of non-syndromic aortic disease (NSAD). NSAD is a frequently asymptomatic but potentially lethal disease characterized by thoracic aortic aneurysms and dissections without additional syndromic features.
Sequence similarities	Belongs to the TGF-beta family.
Post-translational modifications	The precursor is cleaved into mature TGF-beta-2 and LAP, which remains non-covalently linked to mature TGF-beta-2 rendering it inactive.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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