


Product datasheet

Anti-TGF beta Receptor III/TGFB β 3 antibody [1C5H11] ab166705

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Overview

Product name	Anti-TGF beta Receptor III/TGFB β 3 antibody [1C5H11]
Description	Mouse monoclonal [1C5H11] to TGF beta Receptor III/TGFB β 3
Host species	Mouse
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Mouse, Human, Recombinant fragment Predicted to work with: Chimpanzee, Orangutan 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Recombinant Human TGF beta Receptor III/TGFB β 3 protein; Jurkat, HeLa, MCF7, F9, SK N SH, NIH 3T3 cell lysates.
General notes	<p>This product was changed from ascites to supernatant. Lot no's high than GR206347-9 are from Tissue Culture Supernatant.</p> <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	Preservative: 0.05% Sodium azide Constituent: 99% PBS
	Contains 0.5% protein stabilizer
Purity	Protein G purified
Clonality	Monoclonal

Clone number 1C5H11

Isotype IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab166705 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
WB		1/500 - 1/2000. Predicted molecular weight: 93 kDa.
ELISA		1/10000.

Target

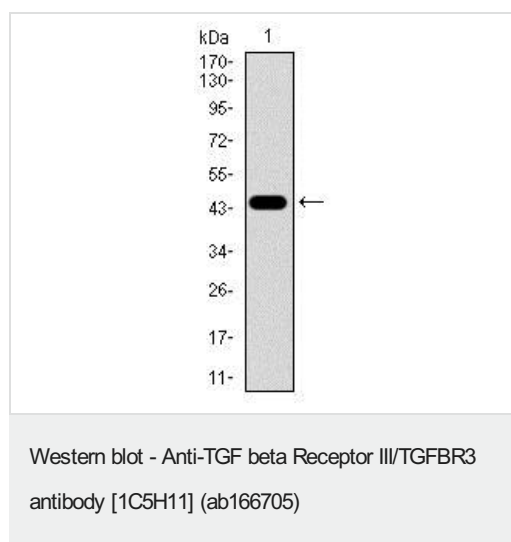
Function Binds to TGF-beta. Could be involved in capturing and retaining TGF-beta for presentation to the signaling receptors.

Sequence similarities Contains 1 ZP domain.

Post-translational modifications Extensively modified by glycosaminoglycan groups (GAG).

Cellular localization Secreted. Secreted > extracellular space. Cell membrane. Exists both as a membrane-bound form and as soluble form in serum and in the extracellular matrix.

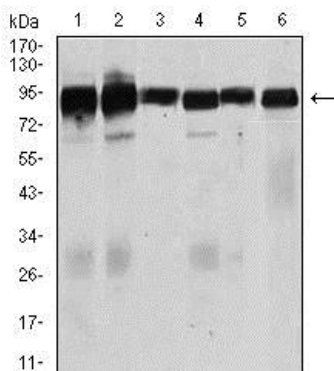
Images



Anti-TGF beta Receptor III/TGFBR3 antibody [1C5H11] (ab166705)
at 1/500 dilution + recombinant Human TGF beta Receptor
III/TGFBR3 protein

Predicted band size: 93 kDa

Expected MW of recombinant protein is 44.1 kDa.



Western blot - Anti-TGF beta Receptor III/TGFBR3 antibody [1C5H11] (ab166705)

All lanes : Anti-TGF beta Receptor III/TGFBR3 antibody [1C5H11] (ab166705) at 1/500 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

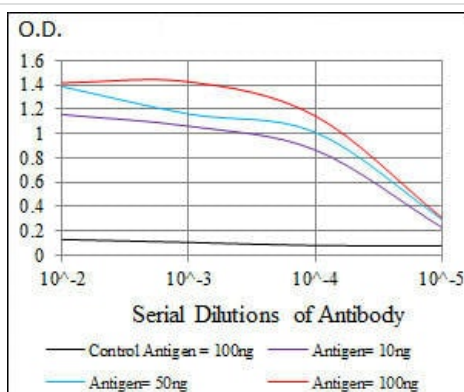
Lane 3 : MCF7 cell lysate

Lane 4 : F9 cell lysate

Lane 5 : SK N SH cell lysate

Lane 6 : NIH 3T3 cell lysate

Predicted band size: 93 kDa



ELISA - Anti-TGF beta Receptor III/TGFBR3 antibody [1C5H11] (ab166705)

ELISA using ab166705 at 1/10000 dilution

Red: Control Antigen (100 ng)

Purple: Antigen (10 ng)

Green: Antigen (50 ng)

Blue: Antigen (100 ng)

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

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