

## ARG64509 anti-TGFBR3 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes TGFBR3
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TGFBR3
Species	Human
Immunogen	Synthetic peptide around the internal region of Human TGFBR3. (NP_003234.2; NP_001182613.1) (C-TKSIRDDIPSTQGN)
Conjugation	Un-conjugated
Alternate Names	TGFBR3; transforming growth factor; beta receptor III; BGCAN; betaglycan; betaglycan proteoglycan

### Application Instructions

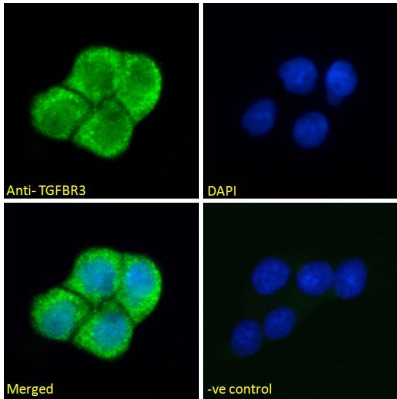
Application table	Application	Dilution
	FACS	10 µg/ml
	ICC/IF	10 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

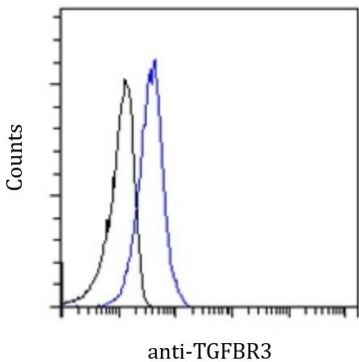
Gene Symbol	TGFBR3
Gene Full Name	transforming growth factor beta receptor 3
Background	This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFBR3, which may inhibit TGFB signaling. Decreased expression of this receptor has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.[provided by RefSeq, Sep 2010]
Function	Binds to TGF-beta. Could be involved in capturing and retaining TGF-beta for presentation to the signaling receptors. [UniProt]
Calculated Mw	93 kDa
PTM	Extensively modified by glycosaminoglycan groups (GAG). [UniProt]
Cellular Localization	Secreted, extracellular space. Cell membrane; Single-pass type I membrane protein. Note=Exists both as a membrane-bound form and as soluble form in serum and in the extracellular matrix. [UniProt]

Images



ARG64509 anti-TGFBR3 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde-fixed A431 cells permeabilized with 0.15% Triton. Cells were stained with ARG64509 anti-TGFBR3 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized Goat IgG (green) at 10 µg/ml dilution.



ARG64509 anti-TGFBR3 antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed A431 cells permeabilized with 0.5% Triton. Cells were stained with ARG64509 anti-TGFBR3 antibody (blue line) at 10 µg/ml dilution for 1 hour, followed by incubation with Alexa Fluor® 488 labelled secondary antibody. IgG control: Unimmunized Goat IgG (black line) followed by Alexa Fluor® 488 labelled secondary antibody.