

Anti-TGF β Receptor I (Ab-165) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A200112-01	50 μ l
A200112-02	100 μ l

Specificity	Anti-TGF β Receptor I (Ab-165) (human mouse)
Source	Rabbit Polyclonal
Application	WB ELISA IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P36897

Other Names: ADRB2, ALK-5, Activin receptor-like kinase 5, EC 2.7.11.30, ESK2, SKR4, TGF-beta receptor type I precursor, TGF-beta type I receptor, TGF-betaR1, TGFR-1, TGFR1, kinase TGF-beta-R1, receptor R4

Specificity and Sensitivity

TGF β Receptor I (Ab-165) antibody detects endogenous levels of total TGF β Receptor I protein.

Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human TGF β Receptor I around the phosphorylation site of serine 165 (D-P-S^P-L-D). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IF: 1:100~1:500 ELISA: 1:10000

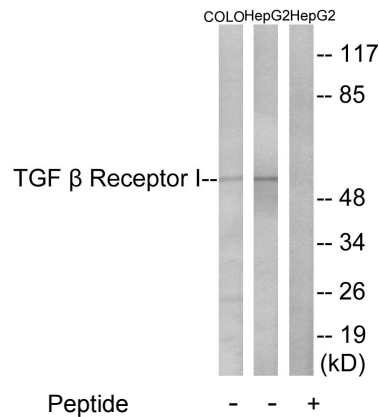
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

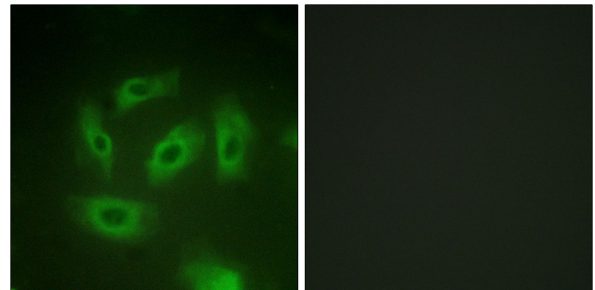
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of extracts from COLO cells and HepG2 cells, using TGF β Receptor I (Ab-165) antibody.



Immunofluorescence analysis of HeLa cells, using TGF β Receptor I (Ab-165) antibody.