

TGF beta Receptor I Antibody | anti-TGFR-1 antibody

TGF beta Receptor I (Phospho-Ser165) Antibody

CATALOG # AAA18002	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, ELISA, Flow Cytometry, Functional Assay
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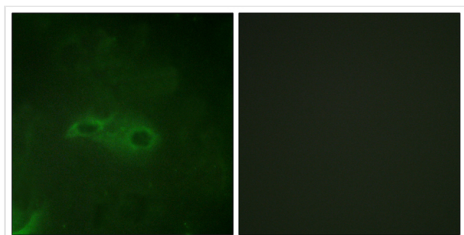
PRODUCT SYNONYMS

TGF beta Receptor I; TGF beta Receptor I (Phospho-Ser165) Antibody; ADRB2; ALK-5; Activin receptor-like kinase 5; ESK2; SKR4; TGF-beta receptor type I precursor; TGF-beta type I receptor; TGF-betaR1; TGFR1; kinase TGF-beta-R1; receptor R4; anti-TGFR-1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	TGF beta Receptor I (Phospho-Ser165) antibody detects endogenous levels of TGF beta Receptor I only when phosphorylated at serine 165.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	426
Applicable Applications for anti-TGFR-1 antibody	IF (Immunofluorescence), ELISA, FCM/FACS (Flow Cytometry)
Application Notes	IF: 1:100 - 1:500 ELISA: 1:5000
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human TGF beta Receptor I around the phosphorylation site of serine 165 (D-P-SP-L-D).
All Sites	Human: Ser165 Mouse: Ser165 Rat: Ser163
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IF (Immunofluorescence)

P-peptide+ Immunofluorescence analysis of HeLa cells, using TGF beta Receptor I (Phospho-Ser165) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TGFR-1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Franzen P., Cell 75:681-692(1993). Vellucci V.F., Genomics 46:278-283(1997). Lynch M.A., Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195963412
NCBI GeneID	7046
NCBI Accession #	NP_001124388.1
NCBI GenBank Nucleotide #	NM_001130916.2
UniProt Accession #	P36897; Q6IR47; Q706C0; Q706C1
NCBI Official Full Name	TGF-beta receptor type-1 isoform 2
NCBI Official Synonym Full Names	transforming growth factor beta receptor 1
NCBI Official Symbol	TGFBR1
NCBI Official Synonym Symbols	AAT5; ALK5; ESS1; LDS1; MSSE; SKR4; TBRI; ALK-5; LDS1A; LDS2A; TBR-i; TGFR-1; ACVRLK4; tbetaR-I
NCBI Protein Information	TGF-beta receptor type-1
UniProt Protein Name	TGF-beta receptor type-1
UniProt Gene Name	TGFBR1
UniProt Synonym Gene Names	ALK5; SKR4; TGFR-1; ALK-5; ALK5; SKR4; TGF-beta receptor type I; TbetaR-I

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tgfr-1-human-mouse-rat-antibody/tgf-beta-receptor-i/18002>