

# TGFBR1 Conjugated Antibody

Catalog No: #C37272



Package Size: #C37272-AF350 100ul #C37272-AF405 100ul #C37272-AF488 100ul  
 #C37272-AF555 100ul #C37272-AF594 100ul #C37272-AF647 100ul  
 #C37272-AF680 100ul #C37272-AF750 100ul #C37272-Biotin 100ul

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## Description

Product Name	TGFBR1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total TGFBR1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human transforming growth factor, beta receptor 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AAT5; ALK5; MSSE; SKR4; ALK-5; LDS1A; LDS2A; TGFR-1; ACVRLK4
Accession No.	Swiss-Prot#:P36897NCBI Gene ID:7046NCBI Protein#:NP_009041
Uniprot	P36897
GeneID	7046;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene.

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Note: This product is for in vitro research use only