

TGF beta Receptor II Conjugated Antibody

Catalog No: #C56172



Package Size: #C56172-AF350 100ul #C56172-AF405 100ul #C56172-AF488 100ul
 #C56172-AF555 100ul #C56172-AF594 100ul #C56172-AF647 100ul
 #C56172-AF680 100ul #C56172-AF750 100ul #C56172-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	TGF beta Receptor II Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	TGF beta Receptor II Antibody detects endogenous levels of total TGF beta Receptor II
Immunogen Description	A synthesized peptide derived from human TGF beta Receptor II
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TGF-beta receptor type-2; TGFR-2; TGFR2; TGF-beta type II receptor; TbetaR-II; TGFBR2;
Accession No.	Uniprot:P37173
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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
Calculated MW	80kDa
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

Product Description

TGF β s mediate their activity by high affinity binding to the type II receptor (TGF β RII) transmembrane protein with a cytoplasmic serine-threonine kinase domain. For signaling growth inhibition and early gene responses the type II receptor requires both its kinase activity and association with a TGF β -binding protein, designated the type I receptor. Two independent groups have recently described the cloning and sequence analysis of genes encoding TGF β type I receptor proteins designated ALK-5 (T β R-1) and TSR-1, respectively.

Note: This product is for in vitro research use only