

## ANGPT4 Conjugated Antibody

Catalog No: #C37331



Package Size: #C37331-AF350 100ul #C37331-AF405 100ul #C37331-AF488 100ul  
 #C37331-AF555 100ul #C37331-AF594 100ul #C37331-AF647 100ul  
 #C37331-AF680 100ul #C37331-AF750 100ul #C37331-Biotin 100ul

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## Description

Product Name	ANGPT4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ANGPT4 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human angiotensin 4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AGP4; ANG4; ANG-3
Accession No.	Swiss-Prot#:Q9Y264NCBI Gene ID:51378NCBI mRNA#:NCBI Protein#:NP_000925
Uniprot	Q9Y264
GeneID	51378;
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	57
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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Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin.

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Note: This product is for in vitro research use only