

PLGLB2 Conjugated Antibody

Catalog No: #C47266



Package Size: #C47266-AF350 100ul #C47266-AF405 100ul #C47266-AF488 100ul
 #C47266-AF555 100ul #C47266-AF594 100ul #C47266-AF647 100ul
 #C47266-AF680 100ul #C47266-AF750 100ul #C47266-Biotin 100ul

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 Support: tech@signalwayantibody.com

Description

Product Name	PLGLB2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PLGLB2 protein.
Immunogen Description	Fusion protein of human PLGLB2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PLGP1
Accession No.	Swiss-Prot#:Q02325NCBI Gene ID:5342/5343NCBI Protein#:BC005379
Uniprot	Q02325
GeneID	5342;5343;
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

Cleavage of the serine proteinase plasminogen to form plasmin is the central event in the dissolution of blood clots by the fibrinolytic system. Within the fibrinolytic cascade, the serine proteinases urokinase-type plasminogen activator (uPA) and tissue-type plasminogen activator (tPA) activate the proenzyme plasminogen by cleaving plasminogen to form the fibrinolytically active enzyme plasmin. PLGLB2 (plasminogen-like B2), also known as PLGP1, is a 96 amino acid protein that resembles the N-terminal plasminogen activation peptide, which is released from plasminogen during conversion to plasmin. PLGLB2 may bind to lysine binding sites present in the kringle structures of plasminogen, an event that interferes with the binding of fibrin or α -2 antiplasmin to plasminogen and may result in the localization of activity at sites necessary for extracellular matrix destruction.

Note: This product is for in vitro research use only