PROS1 Conjugated Antibody

Catalog No: #C35990

Package Size: #C35990-AF350 100ul #C35990-AF405 100ul #C35990-AF488 100ul #C35990-AF555 100ul #C35990-AF594 100ul #C35990-AF647 100ul #C35990-AF680 100ul #C35990-AF750 100ul #C35990-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PROS1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PROS1 protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human protein S (alpha)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PSA; PROS; PS21; PS22; PS23; PS24; PS25; THPH5; THPH6
Accession No.	Swiss-Prot#:P07225NCBI Gene ID:5627NCBI Protein#:BC015801
Uniprot	P07225
GeneID	5627;
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

This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anticoagulant protease, activated protein C (APC) to inhibit blood coagulation. It is found in plasma in both a free, functionally active form and also in an inactive form complexed with C4b-binding protein. Mutations in this gene result in autosomal dominant hereditary thrombophilia. An inactive pseudogene of this locus is located at an adjacent region on chromosome 3.

Note: This product is for in vitro research use only