

POLR2A (Phospho-S2) Conjugated Antibody

Catalog No: #C13430



Package Size: #C13430-AF350 100ul #C13430-AF405 100ul #C13430-AF488 100ul
 #C13430-AF555 100ul #C13430-AF594 100ul #C13430-AF647 100ul
 #C13430-AF680 100ul #C13430-AF750 100ul #C13430-Biotin 100ul

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

Description

Product Name	POLR2A (Phospho-S2) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Alkaline phosphatase antibody Alkaline phosphatase placental antibody Alkaline phosphatase placental type antibody Alkaline phosphatase Regan isozyme antibody ALP antibody Alp1 antibody ALPP antibody FLJ61142 antibody Germ-cell alkaline phosphatase antibody nagao isozyme antibody OTTHUMP00000164354 antibody PALP antibody Placental alkaline phosphatase 1 antibody placental heat-stable alkaline phosphatase antibody placental type antibody PLAP antibody PLAP-1 antibody PLAP1 antibody PPB1_HUMAN antibody
Accession No.	Swiss-Prot#:P05187
Uniprot	P05187
GeneID	250;
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	70
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

Alkaline phosphatases (AP) are glycosyl-phosphatidylinositol (GPI)-anchored, dimeric, Zn²⁺-metallated glycoproteins that catalyze the hydrolysis of phosphomonoesters into an inorganic phosphate and an alcohol. Placental alkaline phosphatase (also known as PLAP, ALPP, PALP, placental ALP-1 or Regan isozyme) is a 530 amino acid, tissue-specific AP that is expressed in the placenta, the serum of pregnant women and ectopically expressed in various cancers, including those of the ovary and testis. PLAP may assist in guiding migratory cells and transporting specific molecules, such as fatty acids and immunoglobulins, across the plasma membrane. The three tissue-specific APs identified in human, PLAP, germ cell AP (GCAP) and intestinal AP, are 90-98% homologous and their genes are clustered on chromosome 2q.

Note: This product is for in vitro research use only