

PLA2G4D Conjugated Antibody

Catalog No: #C42975



Package Size: #C42975-AF350 100ul #C42975-AF405 100ul #C42975-AF488 100ul
 #C42975-AF555 100ul #C42975-AF594 100ul #C42975-AF647 100ul
 #C42975-AF680 100ul #C42975-AF750 100ul #C42975-Biotin 100ul

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Description

Product Name	PLA2G4D Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PLA2G4D protein.
Immunogen Description	Fusion protein of human PLA2G4D
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	cPLA2delta
Accession No.	Swiss-Prot#:Q86XP0NCBI Gene ID:283748NCBI mRNA#:BC034571
Uniprot	Q86XP0
GeneID	283748;
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

The phospholipase A2 enzyme family, including PLA2G4D, catalyze the hydrolysis of glycerophospholipids at the sn-2 position and then liberate free fatty acids and lysophospholipids (Chiba et al., 2004 [PubMed 14709560]).

Note: This product is for in vitro research use only