

CYTH3 Conjugated Antibody

Catalog No: #C47012



Package Size: #C47012-AF350 100ul #C47012-AF405 100ul #C47012-AF488 100ul
 #C47012-AF555 100ul #C47012-AF594 100ul #C47012-AF647 100ul
 #C47012-AF680 100ul #C47012-AF750 100ul #C47012-Biotin 100ul

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Description

Product Name	CYTH3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYTH3 protein.
Immunogen Description	Fusion protein of human CYTH3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GRP1; ARNO3; PSCD3; cytohesin-3
Accession No.	Swiss-Prot#:O43739NCBI Gene ID:9265NCBI Protein#:BC008191
Uniprot	O43739
GeneID	9265;
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 member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1.?

Note: This product is for in vitro research use only