PDGF Receptor beta(Phospho- Y740) Conjugated Antibody

Catalog No: #C13396

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Package Size: #C13396-AF350 100ul #C13396-AF405 100ul #C13396-AF488 100ul #C13396-AF555 100ul #C13396-AF594 100ul #C13396-AF647 100ul #C13396-AF680 100ul #C13396-AF750 100ul #C13396-Biotin 100ul

Description

Product Name	PDGF Receptor beta(Phospho- Y740) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	5730550L01Rik antibody Ago 3 antibody Ago3 antibody AGO3_HUMAN antibody argonaute 3 antibody Argonaute3 antibody eIF 2C 3 antibody eIF-2C 3 antibody eIF2C 3 antibody Eif2c3 antibody EIF2C3 protein antibody Eukaryotic translation initiation factor 2C 3 antibody Eukaryotic translation initiation factor 2C3 antibody FLJ12765 antibody hAgo3 antibody MGC86946 antibody Protein argonaute-3 antibody
Accession No.	Swiss-Prot#:Q9H9G7
Uniprot	Q9H9G7
GeneID	192669;
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	97
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

Eukaryotic translation initiation factor 2C (eIF2C) proteins (argonaute family) influence RNA interference (RNAi) as components of the RNA-inducible silencing complex (RISC) or microRNA (miRNA)-containing ribonucleoprotein particle (miRNP). Small RNAs, including small interfering RNAs (siRNAs) and miRNAs, can silence target genes through mechanisms that utilize RISC or miRNP particles. eIF2C1 (argonaute 1, AGO1, eIF2C, GERP95, Q99) and Dicer1 play a coordinated role in siRNA-mediated gene silencing. eIF2C2 (Slicer, argonaute 2, AGO2, Q10) is a RISC component that can concentrate in cytoplasmic processing bodies (P-bodies) and catalyze mRNA cleavage. Mammalian P-bodies contain mRNAs and have an association with miRNA-induced translational silencing and siRNA-induced mRNA degradation. Additional eIF2C proteins include eIF2C3 (argonaute 3, AGO3), eIF2C4 (argonaute 4, AGO4) and meIF2c5 (mouse argonaute 5).

Note: This product is for in vitro research use only