CD3G Conjugated Antibody

Catalog No: #C49836

Package Size: #C49836-AF350 100ul #C49836-AF405 100ul #C49836-AF488 100ul #C49836-AF555 100ul #C49836-AF594 100ul #C49836-AF647 100ul #C49836-AF680 100ul #C49836-AF750 100ul #C49836-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CD3G Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD3 gamma antibody CD3-GAMMA antibody CD3g antibody CD3g antigen gamma polypeptide (TiT3 complex) antibody CD3g antigen gamma polypeptide antibody CD3g molecule gamma (CD3 TCR complex) antibody CD3g molecule gamma antibody CD3G_HUMAN antibody FLJ17620 antibody FLJ17664 antibody FLJ79544 antibody FLJ94613 antibody MGC138597 antibody T cell antigen receptor complex gamma subunit of T3 antibody T-cell receptor T3 gamma chain antibody T-cell surface glycoprotein CD3 gamma chain antibody T3G antibody
Accession No.	Swiss-Prot#:P09693
Uniprot	P09693
GeneID	917;
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	20 kDa
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 T cell antigen receptor (TCR) recognizes foreign antigens and translates such recognition events into intracellular signals that elicit a change in the cell from a dormant to an activated state. Much of this signaling process can be attributed to a multisubunit complex of proteins that associates directly with the TCR. This complex has been designated CD3 (cluster of differentiation 3). It is composed of five invariant polypeptide chains that associate to form three dimers: a heterodimer of gamma and epsilon chains (γε), a heterodimer of delta and epsilon chains (δε) and a homodimer of two zeta chains (ζζ) or a heterodimer of zeta and eta chains (ζη). The ζ and η chains are encoded by the same gene but differ in their carboxyl-terminal ends due to an alternative splicing event. The γ, ε and δ chains each contain a single copy of a conserved immunoreceptor tyrosine-based activation motif (ITAM).

Note: This product is for in vitro research use only