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Product datasheet for AP09217RP-N

Biotin Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF
Recommended Dilution:	Immunofluorescence: 1/100-1/250. Flow Cytometry: 1/50 to 1/200.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Biotin conjugated to Keyhole Limpet Hemocyanin (b-KLH)
Specificity:	This antibody reacts to Biotin.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containings 10 mg/ml BSA as stabilizer and 0.05% (w/v) Sodium Azide as preservative Label: PE State: Liquid Label: R-Phycoerythrin Absorption emission: 490 nm, 545 nm and 565 nm / 580 nm
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.

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Background: Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells. Rockland Immunochemicals produces anti-epitope tag antibodies against many common epitope tags including Myc, GST, GFP, 6X His, MBP, FLAG and HA. Rockland Immunochemicals also produces antibodies to other tags including FITC, Rhodamine (TRITC), DNP and biotin.

Synonyms: Vitamin B7, Vitamin H