

Product datasheet for **AP09215TC-N**

KLH Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF
Recommended Dilution:	Flow Cytometry: 1/2000 - 1/10000. Immunofluorescence: 1/500 - 1/2500.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	KLH (Keyhole Limpet Hemocyanin)
Specificity:	This antibody reacts to Keyhole Limpet Hemocyanin (KLH).
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide as preservative and 10 mg/ml Bovine Serum Albumin (BSA) as stabilizer Label: Rhodamine State: Lyophilized Label: Tetramethylrhodamine isothiocyanate (TRITC) Absorption emission: 550 nm / 570 nm Molar ratio: 2.8 moles TRITC per mole of Rabbit IgG
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent). For extended storage mix product with glycerol to 50%
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Rhodamine
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background: KLH (Keyhole Limpet Hemocyanin) is a copper containing oxygen carrier occurring freely dissolved in the hemolymph of many molluscs and arthropods. KLH is often used in molecular immunology as a carrier protein conjugated to low molecular weight molecules such as peptides, amino acids, nucleic acids, drugs or toxins to render them more immunogenic due to the size of the conjugate complex and the immunogenicity of KLH. KLH forms a large complex composed of ~50 kDa subunits.

Synonyms: Keyhole Limpet Hemocyanine