

Product datasheet for **AP09215TR-N**

KLH Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF
Recommended Dilution:	Suitable for most immunological techniques requiring high titer binding and lot-to-lot consistency. Flow cytometry: 1:2,000 - 1:10,000. Immunofluorescence: 1:500 - 1:2,500.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	KLH (Keyhole Limpet Hemocyanin)
Specificity:	This antibody detects KLH.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free, 0.01% (w/v) Sodium Azide Label: Texas Red State: Lyophilized Ig fraction Label: (TM) Sulfonyl Chloride (Molecular Weight 625 daltons) Absorption emission: 596 nm / 620 nm Molar ratio: 3.8 moles Texas Red TM per mole of Rabbit IgG
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Prepared from monospecific antiserum by immunoaffinity chromatography using KLH coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum.
Conjugation:	Texas Red



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Storage:	Store vial at 2-8 ° C prior to restoration. Following restoration product can be stored undiluted at 2-8 ° for up to one month or (in aliquots) at -20 °C or below. For extended storage add glycerol to 50%. Avoid repeated freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.
Stability:	Shelf life: One year from despatch.
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