

Product datasheet for **AP21494TC-N**

Mouse IgG3 (subclass specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Mouse IgG3 (subclass specific) Goat Polyclonal Antibody
Applications:	ELISA, ID, IF, IHC, IP
Recommended Dilution:	Can be used in Immunocytochemical and Immunohistochemical staining for the detection of IgG3 at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to identify and measure IgG3 in mouse serum or other body fluids. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. <u>Working dilutions</u> 1/10 - 1/40, depending on the method used.
Reactivity:	Mouse
Host:	Goat
Immunogen:	Pools of purified homogenous IgG3 isolated from pooled mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: TRITC State: Lyophilized purified IgG fraction Label: Tetramethylrhodamine Isothiocyanate Absorption emission: 554 nm/573 nm Molar ratio: TRITC/IgG: ~1,7
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	TRITC
Storage:	Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.



[View online »](#)

Note: Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. Special attention is given to the removal of antibodies to common Ig/Fab. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

Fluorescent marker: Tetramethylrhodamine isothiocyanate isomer R. It has an orange-red fluorescence. To avoid nonspecific background staining, specially synthesized and exceptionally pure crystalline isomer R has been used instead of the usual racemic mixture. Although its fluorescence efficiency is less than of FITC, TRITC conjugates have the advantage of significantly less photo bleaching. This facilitates their use in quantitative cell-counting procedures.