

Product datasheet for **AP05317BT-N**

FITC Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	ELISA. Immunohistochemistry on Frozen Sections.
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fluorescein isothiocyanate (isomer 1)
Specificity:	This antibody recognises Fluorescein Isothiocyanate (FITC). This preparation has been cross-absorbed against Mouse, Human and Rat serum proteins.
Formulation:	PBS Label: Biotin State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Biotin
Storage:	Store 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.
Background:	FITC (fluorescein isothiocyanate) is a fluorochrome dye that absorbs ultraviolet or blue light causing molecules to become excited and emit a visible yellow-green light. This emission ceases upon removal of the light causing the excitation. Fluorochrome labeling provides rapid, accurate localization of antigen-antibody interaction when one of the reactants is part of a cell, tissue or other biological structure. FITC is a commonly used marker for antibodies in immunofluorescent techniques since the conjugation of FITC to proteins is relatively easy and does not, in general, destroy the biological activity of the labeled protein. FITC is widely used as a hapten to label different proteins.
Synonyms:	Fluorescein Isothiocyanate



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