

AP05317HR-N**Polyclonal Antibody to FITC - HRP****Alternate names:**

Fluorescein Isothiocyanate

Quantity:

1 ml

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.

Host / Isotype:

Sheep / IgG

Immunogen:

Fluorescein isothiocyanate (Isomer 1).

Format:**State:** Liquid purified IgG fraction.**Purification:** Affinity Chromatography.**Buffer System:** Phosphate Buffered Saline containing 50% Glycerol.**Label:** HRP – Horseradish Peroxidase**Applications:****ELISA:** 1/4000-1/8000.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody recognises the fluorochrome Fluorescein Isothiocyanate (FITC) and has been cross-absorbed to minimise cross-reactivity with Mouse, Human and Rat serum proteins.

This reagent may be useful for amplification of staining using FITC conjugated reagents.

Storage:

Store the antibody undiluted at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.