

Sheep Anti FITC Polyclonal Antibody, AP

DPBT-68234SF Sheep(FITC)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Sheep Anti FITC,AP
Immunogen	Fluorescein isothiocyanate (isomer 1)
Host	Sheep
Isotype	Polyclonal IgG
Species	Chemical
Conjugation	AP
Applications	IHC,

PACKAGING

Format	Purified IgG conjugated to Alkaline Phosphatase - liquid
Buffer	TRIS buffered saline, 1mM MgCl ₂
Storage	Store at +4 °C or at -20 °C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Preservative	0.09% Sodium Azide (NaN ₃)50% Glycerol
Shelf Life	18 months from date of despatch.

BACKGROUND

Introduction	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.
Keywords	Fluorescein Isothiocyanate; 6-FITC; 6-ISOTHIOCYANATO-FLUORESCIEIN; FITC ISOMER II; ISOMER II; FITC; FLUORESCIEIN 6-ISOTHIOCYANATE, ISOMER 2; FLUORESCIEIN ISOTHIOCYANATE (ISOMER II); Fluorescein isothioc