

Product datasheet for **BP464HRP**

FITC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Suitable for use in Western Blot and ELISA.
	Recommended Chromogens: Diaminobenzidine or TMB for immunohistochemistry; 4-chloro naphthol for Immunoblotting and 0-phenylenediamine or ABTS for Enzymeimmunoassay.
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	FITC-KLH conjugate
Specificity:	Recognizes Fluorescein. No cross reactivity with Immunoglobulin of any species.
Formulation:	Saline Phosphate containing 0.02% Thimerosal as preservative and 10 mg/ml BSA as stabilizer. Label: HRP State: Liquid purified IgG fraction. Label: The affinity purified and absorbed antibody was covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed Molar ratio: HRP:IgG is >1.5
Concentration:	lot specific
Purification:	Solid Phase hapten-antibodies capture.
Conjugation:	HRP
Storage:	Store the antibody (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.



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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