

**Fluorescein Isothiocyanate/FITC polyclonal antibody**

Catalog: BS78001

Host: Rabbit

Reactivity: Species independent

BackGround:

Fluorescein isothiocyanate (FITC) is a derivative of fluorescein used in wide-ranging applications. It is the original fluorescein molecule functionalized with an isothiocyanate reactive group ($-N=C=S$), replacing a hydrogen atom on the bottom ring of the structure. FITC is a fluorochrome dye that absorbs ultraviolet or blue light causing molecules to become excited and emit a visible yellow-green light. 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 also widely used as a hapten to label different proteins.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

25KDa/55KDa

Swiss-Prot:**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

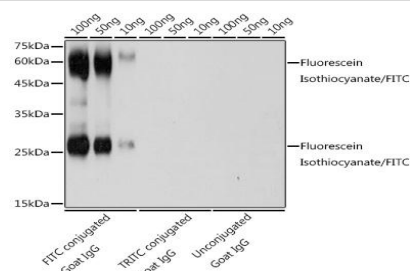
WB, 1:500 - 1:2000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

Unmodification

DATA:

The FITC rabbit polyclonal antibody are tested in Western blot against FITC conjugated Goat IgG, TRITC conjugated Goat IgG and unconjugated Goat IgG. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: Refer to figures. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

Note:

For research use only, not for use in diagnostic procedure.

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