



ZWILCH, CT (ZWILCH, Protein zwilch homolog) (FITC)

Catalog number

044427-FITC

Supplier

United States Biological

Essential component of the mitotic checkpoint, which prevents cells from prematurely exiting mitosis. Required for the assembly of the dynein-dynactin and MAD1-MAD2 complexes onto kinetochores.

Applications

Suitable for use in Western Blot, FLISA

Recommended Dilution

FLISA: 1:1,000

Western Blot: 1:100-500

Storage and Stability

Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

ZWILCH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 481-508 amino acids from the C-terminal region of human ZWILCH.

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).

Purity

Purified by Protein A affinity chromatography.

Specificity

Human, mouse

Product Type

Pab

Source

human

**Isotype**

IgG

Grade

Affinity Purified

Applications

FL WB

Crossreactivity

Hu Mo

Storage

-20°C

Detection Method

FITC

Reference

Brendle, A., et al. Eur. J. Cancer 45(3):435-442(2009)

Kops, G.J., et al. J. Cell Biol. 169(1):49-60(2005)

Williams, B.C., et al. Mol. Biol. Cell 14(4):1379-1391(2003)