



ZNF146, NT (ZNF146, OZF, Zinc finger protein OZF, Only zinc finger protein, Zinc finger protein 146) (APC)

Catalog number

044133-APC

Supplier

United States Biological

The ZNF146 protein is a 33 kDa Kruppel protein, composed solely of 10 zinc finger motifs. ZNF146 overexpression in tumours may alter the balance between hRap1 and other telomeric proteins; therefore ZNF146 function may be linked to telomere regulation. ZNF146 is strongly overexpressed in many pancreas and colorectal cancers. Increased gene copy numbers are detected in 3 of 12 tumor cell lines and 2 of 12 primary pancreatic carcinomas. ZNF146 is overexpressed in 80% of colorectal cancers.

Applications

Suitable for use in Western Blot, Flow Cytometry, FLISA

Recommended Dilution

FLISA: 1:1,000

Western Blot: 1:100-500

Flow Cytometry: 1:10-50

Storage and Stability

Store product at 4°C in the dark. DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

ZNF146 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-54 amino acids from the N-terminal region of human ZNF146.

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).

Purity

Purified by Protein A affinity chromatography.

Specificity

Human, mouse

Product Type

Pab

**Source**

human

Isotype

IgG

Grade

Affinity Purified

Applications

FC FL WB

Crossreactivity

Hu Mo

Storage

4°C Do Not Freeze

Detection Method

APC

Reference

Antoine, K., et al. J. Cell. Biochem. 95(4):763-768(2005)

Antoine, K., et al. Mol. Cell. Biochem. 271 (1-2), 215-223 (2005) :

Grimwood, J., et al. Nature 428(6982):529-535(2004)

Ferbus, D., et al. J. Pathol. 200(2):177-182(2003)

Pibouin, L., et al. Cytogenet. Cell Genet. 92 (1-2), 80-84 (2001) :