



ELF5, ID (ETS-related Transcription Factor Elf-5, E74-like Factor 5, Epithelium-specific Ets Transcription Factor 2, ESE-2, Epithelium-restricted ESE-1-related Ets Factor, ESE2) (APC)

Catalog number

E2239-40A-APC

Supplier

United States Biological

ELF5 is a member of an epithelium-specific subclass of the Ets transcription factor family. In addition to its role in regulating the later stages of terminal differentiation of keratinocytes, it appears to regulate a number of epithelium-specific genes found in tissues containing glandular epithelium such as salivary gland and prostate. It has very low affinity to DNA due to its negative regulatory domain at the amino terminus.

Applications

Suitable for use in FLISA and Western Blot. Other applications not tested.

Recommended Dilution

FLISA: 1:1,000

Western Blot: 1:50-1:100

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Do not freeze APC conjugates. Light sensitive. Aliquots are stable for at least 6 months. 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

Synthetic peptide selected from the Center region of human ELF5 (KLH).

Formulation

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

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes human ELF5. Species Crossreactivity: mouse.

Product Type

Pab

**Source**

human

Isotype

IgG

Grade

Affinity Purified

Applications

FL WB

Crossreactivity

Hu Mo

Storage

4°C Do Not Freeze

MW

31.263

Detection Method

APC

Reference

1. Choi, Y.S., Biochem. J. 398(3), 497-507 (2006). 2. Tummala, R., J. Cell. Biochem. 97(4), 766-781 (2006).