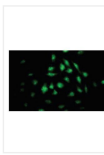
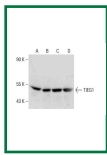
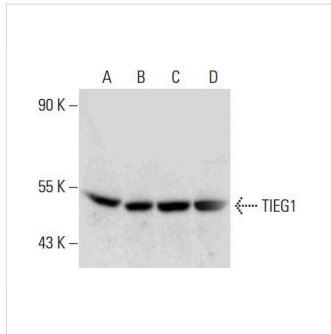


TIEG1 Mouse Monoclonal Antibody (95-D)



Key features and details

Reactivity: Human, Mouse, Rat

Application: WB, IP, IF

Host: Mouse

Clonality: Monoclonal

Isotype: IgG2bk

Target Name: TIEG1

Brand: **AREX**
BIOSCIENCES

CAT.NO. : ARA0195

US\$: 350.00

Size:

100µg

Trail, Bulk size or
Custom requests
Please contact us

*产品价格可能会有所调整, 请以品牌方官网实时更新的价格为准, 以确保准确性。

Product Details

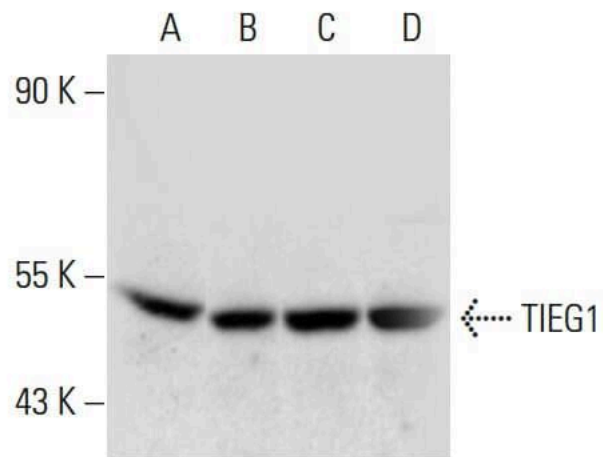
BACKGROUND

Originally isolated from osteoblastic cells, the TGFβ - inducible early gene - 1 (TIEG1) is a Krüppel - like zinc - finger transcription factor - encoding gene which regulates cellular growth and differentiation. TIEG1 is regulated as an early response gene by TGFβ1. It is expressed in both acinar and ductular epithelial cells from exocrine pancreas and may serve as an early response gene in pancreatic cell lines. Further, overexpression of TIEG1 in TGFβ - sensitive epithelial cells induces apoptosis. TIEG1 and EGRα are expressed from alternate promoters of the same gene. Both are highly expressed in human fetal osteoblast cells. TIEG1 is additionally expressed at high levels in PBLs, spleen and colon, and at lower levels in thymus, small intestine, ovary, prostate and skeletal muscle. The nuclear TIEG2 protein, which shares significant homology with TIEG1, was originally isolated from globin - expressing human fetal erythroid cells. TIEG2 is also expressed in fetal liver. Overexpression of TIEG2 in cultured epithelial cells inhibits cellular proliferation. TIEG2 expression is upregulated by TGFβ1 and serum deprivation.

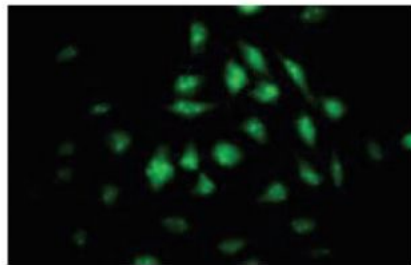
Application

TIEG1 (95-D) is recommended for detection of TIEG1 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100 - 1:1000), immunoprecipitation [1 - 2 µg per 100 - 500 µg of total protein (1 ml of cell lysate)] and immunofluorescence (starting dilution 1:50, dilution range 1:50 - 1:500).

Data



TIEG1 (95-D). Western blot analysis of TIEG1 expression in SW480 (A), Sol8 (B), RAW 264.7 (C) and Jurkat (D) nuclear extracts.



TIEG1 (95-D). Immunofluorescence staining of methanol-fixed HeLa cells showing nuclear localization.