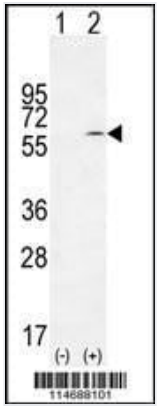
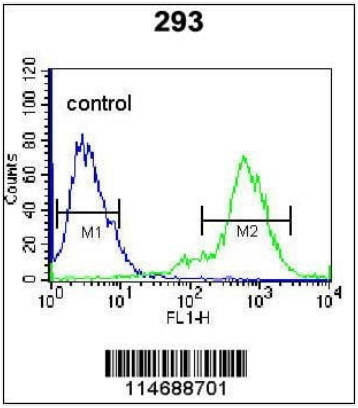
TIEG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TIEG, Polyclonal Antibody
Full Product Name	TIEG, ID (KLF10, TIEG, TIEG1, Krueppel-like factor 10, EGR-alpha, Transforming growth factor-beta-inducible early growth response protein 1)
Product Synonym Names	Anti -TIEG, ID (KLF10, TIEG, TIEG1, Krueppel-like factor 10, EGR-alpha, Transforming growth factor-beta-inducible early growth response protein 1)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Purified Purified by saturated ammonium sulfate precipitation followed by dialysis against PBS.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	TIEG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 204-233 amino acids from the Central region of human TIEG.
Product Categories/Family for anti-TIEG antibody	Antibodies; Abs to Growth Factors; Cytokines
Applications Tested/Suitable for anti-TIEG antibody	ELISA (EL/EIA), Western Blot (WB), Flow Cytometry (FC/FACS)
Application Notes for anti-TIEG antibody	Suitable for use in Western Blot, Flow Cytometry, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:50-100 Flow Cytometry: 1:10-50
Related Product Information for anti-TIEG antibody	Transcriptional repressor involved in the regulation of cell growth. Inhibits cell growth. Binds to the consensus sequence 5'-GGTGTG-3'.
Other Notes	Small volumes of anti-TIEG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TIEG purchase	MBS6013267 is an antibody targeting TIEG. Also known as TIEG, ID (KLF10, TIEG, TIEG1, Krueppel-like factor 10, EGR-alpha, Transforming growth factor-beta-inducible early growth response protein 1). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TIEG antibody
Western blot analysis of TIEG (arrow) using rabbit polyclonal TIEG Antibody (Center) . 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TIEG gene.



Flow Cytometry (FC/FACS) of anti-TIEG antibody
TIEG Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TIEG. It may not necessarily be applicable to this product.

NCBI GI #	1155215
NCBI Accession #	AAC50340.1
NCBI Official Full Name	TGF-beta inducible early protein
Protein Family	Krueppel-like factor
UniProt Comments for TIEG	KLF10: Transcriptional repressor involved in the regulation of cell growth. Inhibits cell growth. Binds to the consensus sequence 5'-GGTGTG-3'. Belongs to the Sp1 C2H2-type zinc-finger protein family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: C2H2-type zinc finger protein; Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 8q22.2 Cellular Component: nucleus Molecular Function: protein binding; metal ion binding; transcription factor activity Biological Process: circadian rhythm; transcription, DNA-dependent; positive regulation of osteoclast differentiation; somatic stem cell maintenance; negative regulation of transcription from RNA polymerase II promoter; regulation of circadian rhythm; cellular response to starvation; bone mineralization; cell proliferation; negative regulation of cell proliferation; cell-cell signaling; transforming growth factor beta receptor signaling pathway; negative regulation of transcription, DNA-dependent; skeletal development
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/tieg/6013267