

MultiPro[™] 5CFLX Anti-Human TGFB1/BIGH3 (3E11D11)

Catalog Number: G60007-1-5C

Basic Information

Catalog Number:	GenBank Accession Number:	CloneNo.:
G60007-1-5C	BC000097	3E11D11
Size:	GeneID (NCBI):	Conjugate:
500ug/mL	7045	5CFLX
Source:	ENSEMBL Gene ID:	Full Oligo Sequence:
Mouse	ENSG00000120708	CGGAGATGTGTATAAGACAGTCCA AGGTAAGTGGCCCATATAAGAAA
Isotype:	UNIPROT ID:	Barcode Sequence:
IgG2a	Q15582	TCCAAGGTAAGTGGC
Immunogen Catalog Number:	Full Name:	
AG0241	MultiPro [™] 5CFLX Anti-Human TGFB1/BIGH3 (3E11D11)	

Applications

Tested Applications:

Single Cell (Intra)

Species Specificity:

Human

Background Information

TGFB1, also named as BIGH3, Kerato-epithelin and RGD-CAP, binds to type I, II, and IV collagens. TGFB1 is an adhesion protein which may play an important role in cell-collagen interactions. In cartilage, it may be involved in endochondral bone formation. TGFB1 is an extracellular matrix adaptor protein, it has been reported to be differentially expressed in transformed tissues. TGFB1 is a predictive factor of the response to chemotherapy, and suggest the use of TGFB1-derived peptides as possible therapeutic adjuvants for the enhancement of responses to chemotherapy. (PMID:20509890) Defects in TGFB1 are the cause of epithelial basement membrane corneal dystrophy (EBMD). Defects in TGFB1 are the cause of corneal dystrophy Groenouw type 1 (CDGG1). Defects in TGFB1 are the cause of corneal dystrophy lattice type 1 (CDL1). Defects in TGFB1 are a cause of corneal dystrophy Thiel-Behnke type (CTDB). Defects in TGFB1 are the cause of Reis-Buecklers corneal dystrophy (CDRB). Defects in TGFB1 are the cause of lattice corneal dystrophy type 3A (CDL3A). Defects in TGFB1 are the cause of Avellino corneal dystrophy (ACD).

Storage

Storage:

2-8°C

Storage Buffer:

PBS with 1mM EDTA and 0.09% sodium azide

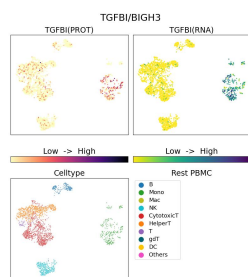
For technical support and original validation data for this product please contact:

T: 4006900926

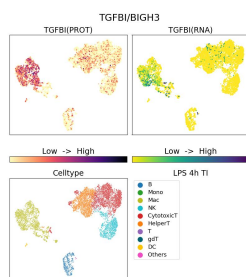
E: Proteintech-CN@ptglab.comW: ptgcn.com

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Selected Validation Data



G60007-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G60007-1-5C was used to stain PBMC under 4hr LPS + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.