

Product datasheet for **TA386017**

TGF alpha (TGFA) Rabbit Monoclonal Antibody [Clone ID: tAb2]

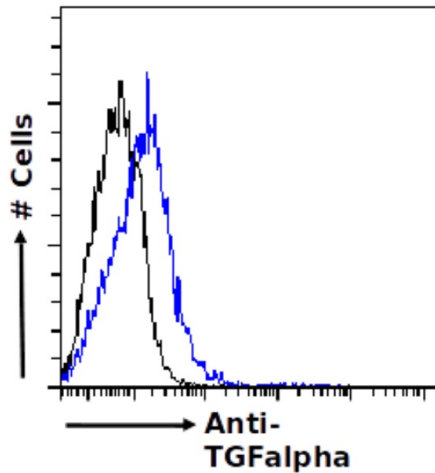
Product data:

Product Type:	Primary Antibodies
Clone Name:	tAb2
Applications:	Dot, ELISA
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Biologically active hemocyanin-coupled human TGFalpha.
Specificity:	tAb2 binds the N-terminal sequence of transforming growth factor alpha, VVSHFND (with residues 4 to 7 being the minimal binding epitope). Human transforming growth factor alpha (TGFA) consists of 50 amino acid residues with three disulphide bridges. It belongs to the family of epidermal growth factor related peptides and binds to EGFreceptor. It is involved in cell proliferation in healthy cells and is found in various cancer cells. Transfection of Fibroblasts with the TGFA gene induces tumor formation.
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	transforming growth factor alpha
Database Link:	Entrez Gene 7039 Human P01135
Synonyms:	TFGA
Note:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.



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Product images:



Flow-cytometry using the anti-TGF-alpha antibody tAb2 (TA386017) Human peripheral blood leukocytes were fixed using 2% PFA, permeabilised using 0.5% Triton and stained with unimmunized rabbit IgG antibody (MOPC-21; isotype control, black line) or the rabbit IgG-chimeric version of tAb2 (TA386017, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.