Anti-TGFalpha [tAb2] Bulk Size Ab00614-2.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG2a, Fc Silent™, Kappa
Clone Number: tAb2
Alternative Name(s) of Target: TGFA, Transforming growth factor A
UniProt Accession Number of Target Protein: P01135
Published Application(s): dotblot, ITC, XRC, ELISA
Published Species Reactivity: Human
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).
Application Notes: Human transforming growth factora (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.
Antibody First Published in: Hoeprich PD Jr Identification of Immunodominant Regions of Transforming Growth Factor alpha J Biol Chem. 1989 Nov 15;264(32):19086-91.2478554 PMID:
Note on publication: Describes the generation of various anti-TGFalpha antibodies and characterisation of their epitopes and binding affinitites.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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