

Datasheet

TGFB1 monoclonal antibody, clone 8C4

Catalog Number: MAB6321

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native TGFB1.

Clone Name: 8C4

Immunogen: Native purified human platelets TGFB1.

Host: Mouse

Reactivity: Human

Applications: ELISA, IA, IHC

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody reacts with the dimeric (25 KDa) and monomeric (12.5 KDa) forms of TGFB1 under both non-reducing and reducing conditions respectively.

Form: Lyophilized

Isotype: IgG1, kappa

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from 10 mM PBS, pH 7.0

Storage Instruction: Store at -20°C.

Aliquot after reconstitution to avoid repeated freezing and thawing.

Entrez GeneID: 7040

Gene Symbol: TGFB1

Gene Alias: CED, DPD1, TGFB, TGFbeta

Gene Summary: TGFB is a multifunctional peptide that

controls proliferation, differentiation, and other functions in many cell types. TGFB acts synergistically with TGFA (MIM 190170) in inducing transformation. It also acts as a negative autocrine growth factor. Dysregulation of TGFB activation and signaling may result in apoptosis. Many cells synthesize TGFB and almost all of them have specific receptors for this peptide. TGFB1, TGFB2 (MIM 190220), and TGFB3 (MIM 190230) all function through the same receptor signaling systems.[supplied by OMIM]