

Transforming Growth Factor Beta 2 (TGFB2) Antibody

Catalogue No.: abx025258



This product is currently in development. The lead time for this product may be several months. Please contact us at info@abbexa.com for an updated lead time before purchasing this product.

This gene encodes a member of the transforming growth factor beta (TGFB) family of cytokines, which are multifunctional peptides that regulate proliferation, differentiation, adhesion, migration, and other functions in many cell types by transducing their signal through combinations of transmembrane type I and type II receptors (TGFB1 and TGFB2) and their downstream effectors, the SMAD proteins. Disruption of the TGFB/SMAD pathway has been implicated in a variety of human cancers. The encoded protein is secreted and has suppressive effects of interleukin-2 dependent T-cell growth. Translocation t(1;7)(q41;p21) between this gene and HDAC9 is associated with Peters' anomaly, a congenital defect of the anterior chamber of the eye. The knockout mice lacking this gene show perinatal mortality and a wide range of developmental, including cardiac, defects. Alternatively spliced transcript variants encoding different isoforms have been identified. This antibody is supplied as crude ascites.

Target: Transforming Growth Factor Beta 2 (TGFB2)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Mouse

Recommended dilutions: WB: 1/500 - 1/16000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Human TGFB2 recombinant protein.

Isotype: IgG₁ Kappa

Form: Liquid

Datasheet

Version: 1.0.0
Revision date: 28 Dec 2024



Purification:	Unpurified crude ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P61812 (UniProt , ExPASy)
KEGG:	hsa:7042
String:	9606.ENSP00000355896
Molecular Weight:	Calculated MW: 47.7 kDa
Buffer:	Ascites containing 0.09% sodium azide.
Note:	This product is for research use only.

For Reference Only