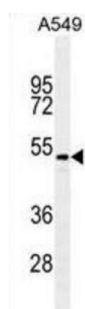
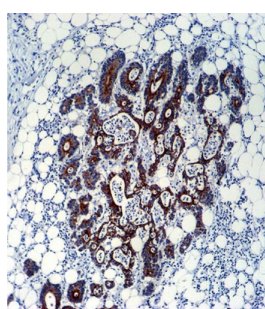
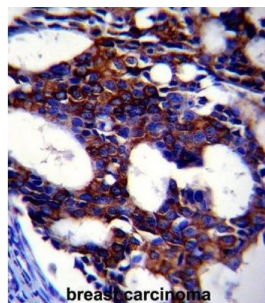


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Transforming Growth Factor Beta 2 (TGFB2) Antibody

Catalogue No.: abx025259



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 (TGFB R1 and TGFB R2) 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.

Target:	TGFB2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal

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Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human TGFB2.

Purification: Purified Mouse Monoclonal Antibody.

Isotype: IgG₁κ

Conjugation: Unconjugated

Specificity: This TGFB2 monoclonal antibody is generated from mouse immunized with TGFB2 recombinant protein.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [P61812](#)

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Note: This product is for research use only.