

## TGFβ1 Mouse Monoclonal Antibody(5D2)

Catalog	TDY593C	TDY593F	Tel: 010-80117836
Quantity	50μL	100μL	Web: www.tdybio.com
			Entrez-Gene ID#836 , Swiss-Prot Acc.#P42574

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
IHC	R,M	~12,25,45-65KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C. Do not aliquot the antibody.**

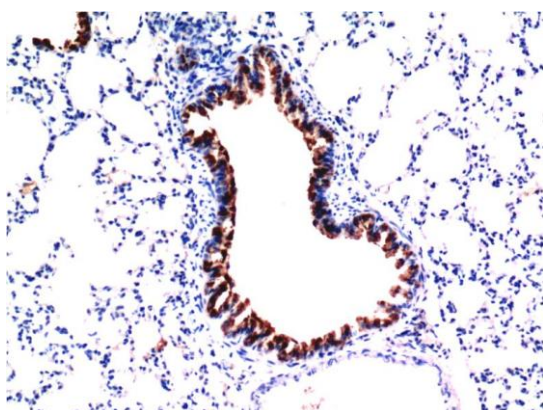
**Recommended dilutions:** IHC: 1:100-200

**Optimal dilutions should be determined by the end user.**

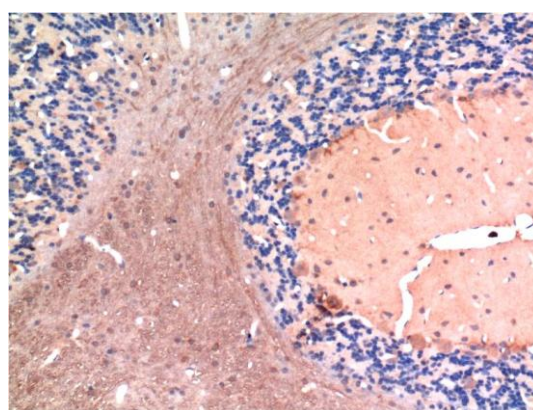
**Specificity:** Antibody can detects endogenous TGF β 1 protein.

**Alternative Names:** TGF beta 1 antibody, TGFB antibody, CED antibody, LAP antibody

**Background:** Transforming growth factor-β (TGF-β) superfamily members are critical regulators of cell proliferation and differentiation, developmental patterning and morphogenesis, and disease pathogenesis. Many cells synthesize TGFB1 and have specific receptors for it. It positively and negatively regulates many other growth factors.



Immunohistochemical analysis of paraffin-embedded Mouse Lung Tissue using TGFβ1 (TDY593) Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using TGFβ1 (TDY593) Mouse mAb diluted at 1:200.