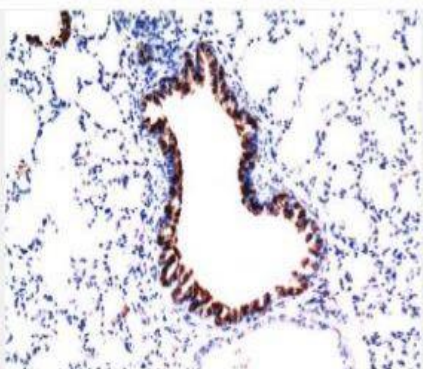


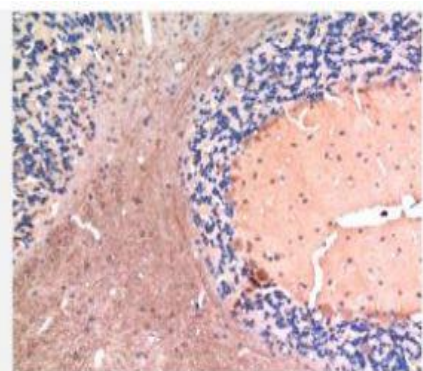
TGFβ1 mouse Monoclonal Antibody(5D2)

Catalog No.	IMB0018
Reactivity	Rat;Mouse
Applications	IHC-p;
Gene Name	TGFB1 TGFB
Protein Name	Transforming growth factor beta-1, TGF-β1, TGF b
Human Gene Id	7040
Swiss-Prot	P01137
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Dilution	IHC: 1:100-200
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Background	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate a latency-associated peptide (LAP) and a mature peptide, and is found in either a latent form composed of a mature peptide homodimer, a LAP homodimer, and a latent TGF-beta binding protein, or in an active form consisting solely of the mature peptide homodimer. The mature peptide may also form heterodimers with other TGFB family members. This encoded protein regulates cell proliferation, differentiation and growth, and can modulate expression and activation of other growth factors including interferon gamma and tumor necrosis factor alpha.
Subcellular Location.	[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix. [Transforming growth factor beta-1]: Secreted.
BiowMW	-

Products Images:



Immunohistochemical analysis of paraffin-embedded Mouse Liver Tissue using Caspase-3 Mouse mAb diluted at 1:200.



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