

# TGFβ1 Mouse Monoclonal Antibody(4B9)

Catalog No.: RA10171

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	12,25,45-65KD

### Applications

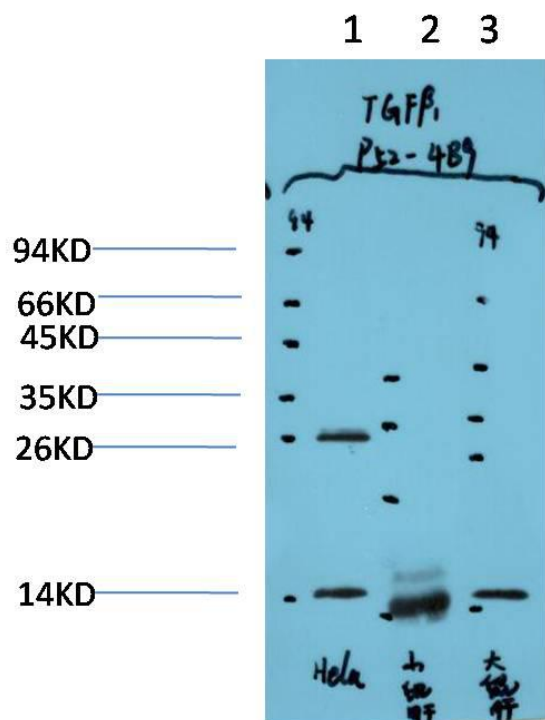
### Recommended Dilution

WB	1:1,000-2,000
IHC	1:100-200

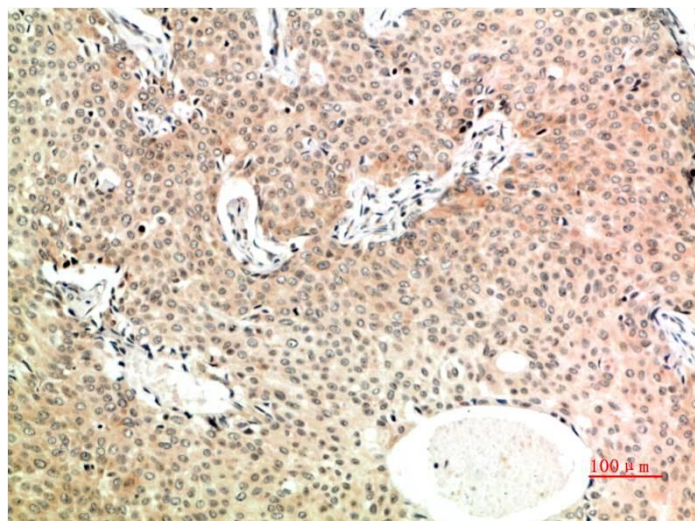
## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 1)Hela Cell Lysate, 2)Mouse Liver Tissue Lysate, 3)Rat Liver Tissue Lysate using TGFβ1 Mouse mAb diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using TGFβ1 Mouse mAb diluted at 1:200.

## 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 TGFβ1 and have specific receptors for it. It positively and negatively regulates many other growth factors.