

# TGFβ1 Mouse Monoclonal Antibody(10E5)

Catalog No.: RA10115

## 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

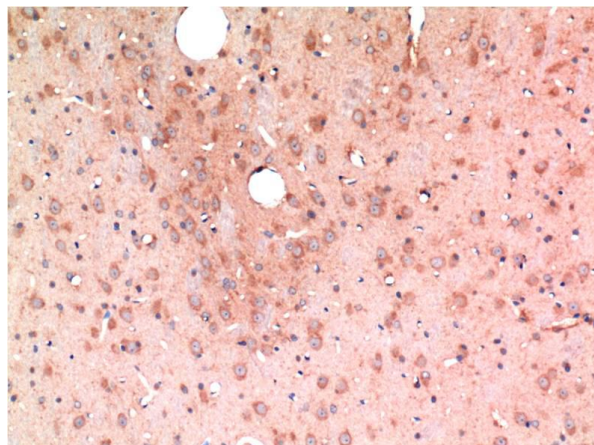
### Recommended Dilution

|     |           |
|-----|-----------|
| IHC | 1:100-200 |
|-----|-----------|

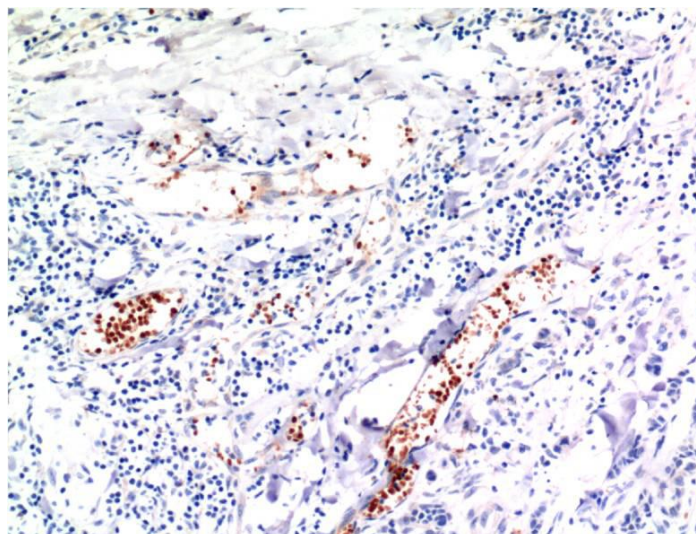
## Preparation & Storage

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

## Experimental Data



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



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

## Background

Transforming growth factor- $\beta$  (TGF- $\beta$ ) 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.