

# TGFβReceptor III Mouse Monoclonal Antibody(5D11)

Catalog No.: RA10269

## Basic Information

### Information

|                            |  |
|----------------------------|--|
| Reactivity                 | H  |
| 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                | 110KD  |

### Applications

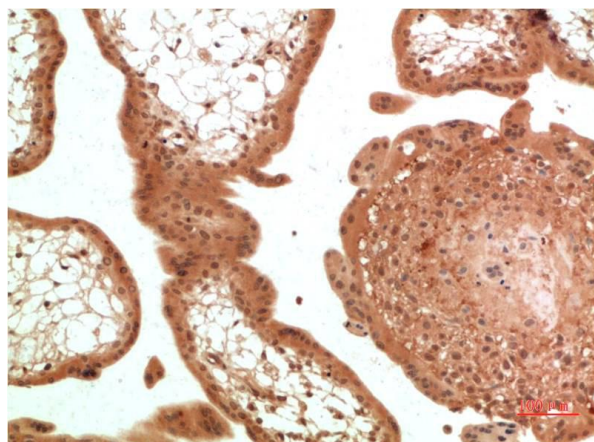
### Recommended Dilution

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

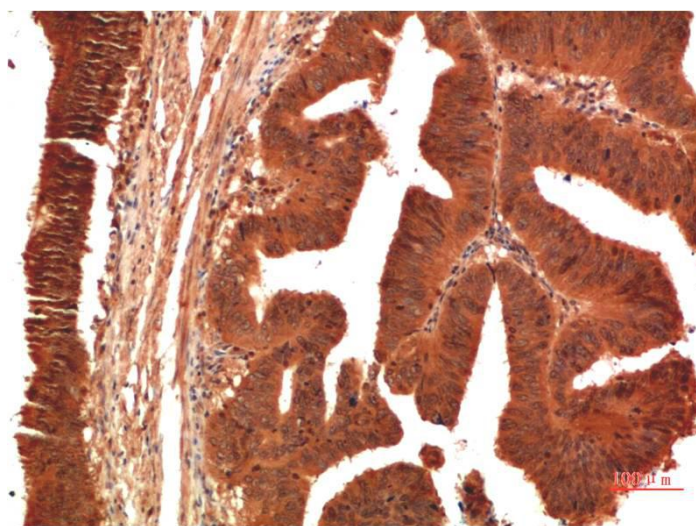
### Preparation & Storage

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

## Experimental Data



Immunohistochemical analysis of paraffin-embedded Human Placenta Tissue using TGFβ Receptor III Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using TGFβ Receptor III Mouse mAb diluted at 1:200.

## Background

transforming growth factor beta receptor 3(TGFBR3) Homo sapiens This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFBR3, which may inhibit TGFB signaling. Decreased expression of this receptor has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.