

## Recombinant IGF1 Receptor Monoclonal Antibody

catalog number: **AN301096L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

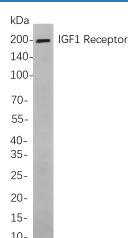
### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human   |
| <b>Immunogen</b>    | Recombinant Human IGF1 Receptor protein                         |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG, $\kappa$   |
| <b>Clone</b>        | B851  |
| <b>Purification</b> | Protein A   |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

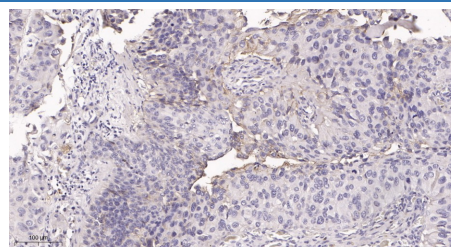
| Applications | Recommended Dilution |
|--------------|----------------------|
| IHC          | 1:100-200            |
| WB           | 1:1000-5000          |
| IF           | 1:200-1000           |
| ELISA        | 1:5000-20000         |

### Data



Western Blot with Recombinant IGF1 Receptor Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: LoVo cells.

**Observed-MW:200 kDa**  
**Calculated-MW:154 kDa**



Immunohistochemistry of paraffin-embedded human bladder carcinoma tissue using Recombinant IGF1 Receptor Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

|                 |   |
|-----------------|---|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag   |

### Background

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

### For Research Use Only